



Db	2	AAASTVTSGSJLELLP-----	-----GSKTLLGTRLEAKYLCISCKAKNILR	42
OY	62	SPKQTEGCHRFECESOMALLSSSPKCTAC-----	-----OESI---VKDYVKDNCCREILA	112
Db	43	RPFOQOCGHRVCSPLTSLTSSGPNQACAYEGUEJEGISLTLESSAFPDNARREVES	102	
OY	113	LQITCRNBSRCAEDLMGLHYLKNDCHEFLPCVR---	POCEKYLRKDLDHVEKAC	163
Db	103	LPVAVPND--GCTWK---GTLKEYES--CHEGICPELLTECPACGILVRLSEKENHTEQEC	156	
OY	170	KYREATGSHCSQVPMIALOKHEPTDPCVYVSSPHNCSQVOTLRLSELNAHLSVCNAPS	226	
Db	157	PKRSLSCOHCHRAPSHVDLEHVEYV--CEKPEPLTC--DCCGKKKPIRETFODHVRACSKRY	214	
OY	230	TCSFKRYCVCFOGTNOQIKAHBAASAVOHVLLIKEMSNLEKYS-----	TLONE	279
Db	215	LCRFHTVCSSEMEFENQDHELOLRRLHALL--LSFLEQASPGTLMDVQPELLQRC	272	
OY	280	SVEKNKSIQSLHNOICSEFIEIEROKEMLRNNEKLIHLQRLVDSQAEKILKELDKETRPF	339	
Db	273	QILEOK--TATEFNIVCYLNRVER-----	VAVTAECRSQHRLDQD----	312
OY	340	RQNNHEADSMKSVESLQNRKTELESVDKSGQVARTGLESOLSKHDDMLSVHDIRLA	399	
Db	313	-----KTEALSNNKYQDE-----	RSIGL-----KDLAMA	336
OY	400	DMDLGFVYLETASNGVLYIMKIRRYKRRKROEAVMGKTLSTYSQEPYTGFGYKMKCAVYL	459	
Db	337	DLEOKVSTLESTYTDGVPIMKISDFTKRQDAVAGRPALPISPAFTYSRYGKMKCLRVYL	366	
OY	460	NGDGMGKGTLLSLEFVIMRGEYDALPMPFKQKVTLMMDQSSRRHIGDAFKDPMS	519	
Db	397	NGDGTGRCHLSLEFVYMKGPNDALLQMPFQOKVTLMLLDH--NNREHYDAFRDVTSSS	455	
OY	520	FKKRTGEMNTASGCPVPAQVYLE--NGTYIKDITPIFKVLYVDSL	564	
Db	456	FQRPVSDMNIAISGCPFCVPKSMKAKSVYDDAIFIKALIVDTLGL	501	

[illegible][illegible]

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RESULT 3
US-09-724-676A-53797
; Sequence 53797, Application US/09724676A
; GENERAL INFORMATION:
; APPLICANT: CompuGen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 CompuGen
; CURRENT APPLICATION NUMBER: US/09/724,676A
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 53797
; LENGTH: 519
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676A-53797

Query Match          22.9%; Score 688; DB 5; Length 519;
Best Local Similarity 33.1%; Pred. No. 1.7e-56;
Matches 175; Conservative 84; Mismatches 173; Indels 96; Gaps 21.

OY 63 PROTCGHRFGSCMAALLSSSPKCTAC-QSITYKDY-----FKDNCKREIATL 113
    ||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
DB 62 PFQAOCCGHRYCCFCCLASLISGPOCACCNVHIGTIEEGISILESSAPDNARGVSTL 121
    ||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
OY 114 QYCCNNESRGCSEQOIMLGHVLKNDCHFEELPCVR---PDCKEVYLKRDLDHYEKCK 170
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB 122 PAVC--PSDGGTGW---GTLKEYES-CHEGRCPMLTECPACKGLYLRGEGKRHLHECP 175
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
OY 171 YREATCSHCKSGVPMATALQKEDTDQPCVVVSCPHKCSYOTLLRSELNASECVNABST 230
    ||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
DB 176 ERLSLCRHRACPCGADYKAHVEY-CPRKPLTC-DGCGKKKIPRKPFQDHYVTKCKRVP 233
    ||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
OY 231 CSFKRYGCV--FQGNQOIKAHASAVOHVNLKEMNSLEK-----VSLQIN 278
    ||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
DB 234 CRFHAIQGLETVGEGRKQD--EHEVOMLRHLNML--LSSVLEAKPLDGDOSHAGSELLQR 289
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OY 279 -ESVAKNKSIOSLAHQICSFELIEIROKEMLNNSKILHLQVRLIDSOAEKLELDEKIR 337
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DB 290 CESLEKRTA--TFENIVCYLNEVER-----YAMTRDEACS----- 322
    ||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
OY 338 PFRQNMEEADSNKSSVESLQINRVTELESVDKSAGAVARNTGLLESQLSRHQDMLSVHDIR 397
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DB 333 --RQRHRLQD---KIEALSSKVQQLD-----RSIGL-----KDLA 352
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OY 398 LADMLGQVLETFASYINGVLYIKINDYRRKROEAMGKTLISYOSPFYTGFGYMCARV 457
    ||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
DB 353 MADLEQKVRPFOAOCCGHRYCCFCCLASLIRKLOEAAVAGRPALEFSAFYSRQYKIMLCI 412
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GenCore version 5.1.3  
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OM protein - protein search, using sw model

Run on: January 2, 2003, 15:11:35 : Search time 16 Seconds  
(without alignments)  
1042.675 Million cell updates/sec

Title: US-08-404-832-2

Perfect score: 3005

Sequence: 1 MESSKMDSPGALQTNPLK.....IKDDTIFIKIVDTSLDPP 567

Scoring table:

BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 08  
Maximum Match 1008

Listing first 45 summaries

Database :

Issued Patents AA:\*  
1: /cgnt2\_6/prodata/1/1aa/5a\_COMB.pep:\*  
2: /cgnt2\_6/prodata/1/1aa/5a\_COMB.pep:\*  
3: /cgnt2\_6/prodata/1/1aa/5a\_COMB.pep:\*  
4: /cgnt2\_6/prodata/1/1aa/5a\_COMB.pep:\*  
5: /cgnt2\_6/prodata/1/1aa/5a\_COMB.pep:\*  
6: /cgnt2\_6/prodata/1/1aa/5a\_COMB.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2804	93.3	543	4	US-08-697-610-2
2	2804	93.3	543	4	US-08-349-357-2
3	2223.5	74.0	438	4	US-09-268-544B-36
4	1686	56.1	347	4	US-09-268-544B-38
5	1244	41.4	558	4	US-09-138-277C-1
6	1182	39.3	557	4	US-09-138-277C-3
7	1111	37.0	228	4	US-09-181-958-2
8	828	27.6	501	1	US-08-331-394-4
9	828	27.6	501	1	US-08-250-858-4
10	828	27.6	501	1	US-08-446-915-4
11	828	27.6	501	2	US-08-744-139-4
12	828	27.6	501	2	US-08-744-139-4
13	629	20.9	409	5	PCT-US95-06639-4
14	629	20.9	409	1	US-08-331-394-2
15	629	20.9	409	1	US-08-250-858-2
16	629	20.9	409	2	US-08-446-915-2
17	629	20.9	409	2	US-08-744-139-2
18	564.5	18.8	417	3	PCT-US95-06639-2
19	554.5	18.5	522	1	US-08-705-771-18
20	554.5	18.5	522	1	US-08-639-237-2
21	554	18.4	470	2	US-08-975-405-2
22	542.5	18.1	243	4	US-08-691-814B-2
23	435	14.5	80	2	US-09-181-958-1
24	381	12.7	73	2	US-08-691-814B-29
25	328	10.9	59	2	US-08-691-814B-33
26	314	10.4	56	2	US-08-691-814B-25
27	306	10.2	80	2	US-08-691-814B-31

28	294	9.8	80	2	US-08-691-814B-30	Sequence 30, Appl
29	260	8.7	46	2	US-08-691-814B-15	Sequence 15, Appl
30	249	8.3	46	4	US-09-052-089A-10	Sequence 10, Appl
31	210	7.0	67	2	US-08-691-814B-32	Sequence 32, Appl
32	186	6.2	70	2	US-08-691-814B-35	Sequence 35, Appl
33	181.5	6.0	70	2	US-08-691-814B-34	Sequence 34, Appl
34	145	4.8	1104	2	US-08-327-832-5	Sequence 5, Appl
35	145	4.8	1104	2	US-08-828-584-5	Sequence 5, Appl
36	140	4.7	3248	1	US-08-353-700-1	Sequence 1, Appl
37	140	4.7	3248	5	PCT-US95-16216-1	Sequence 1, Appl
38	139.5	4.6	2482	1	US-08-328-254-6	Sequence 6, Appl
39	137	4.6	712	2	US-08-468-576B-17	Sequence 17, Appl
40	137	4.6	712	2	US-08-468-576B-17	Sequence 17, Appl
41	137	4.6	712	3	US-08-468-576B-17	Sequence 17, Appl
42	131.5	4.4	1388	4	US-09-572-191-2	Sequence 2, Appl
43	131.5	4.4	1388	4	US-09-723-262-2	Sequence 2, Appl
44	131.5	4.4	1388	4	US-09-723-219-2	Sequence 2, Appl
45	130	4.3	606	4	US-08-477-831C-2	Sequence 2, Appl

#### ALIGNMENTS

RESULT 1  
US-08-697-610-2  
Sequence 2, Application US/08697610  
Patent No. 6172187  
GENERAL INFORMATION:  
APPLICANT: Reed, John C.  
INVENTOR: Sato, Takaki  
TITLE OF INVENTION: CD40 Associated Proteins  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Campbell and Flores  
STREET: 4370 La Jolla Village Drive, Suite 700  
City: San Diego  
STATE: California  
COUNTRY: USA  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/697,610  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/349,357  
FILING DATE: 02-DEC-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Campbell, Cathryn A.  
REGISTRATION NUMBER: 31,815  
REFERENCE/DOCKET NUMBER: P-LJ 1203  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 535-9001  
TELEFAX: (619) 535-8949  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 543 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-697-610-2  
Query Match 93.3%; Score 2804; DB 4; Length 543;  
Best Local Similarity 94.7%; Pred. No. 9.8e-234;  
Matches 538; Conservative 0; Mismatches 4; Indels 26; Gaps 2;  
Qy 1 MESSKMDSPGALQTNPLKLTHTDRSAGTPEVPEOGYKREKFKVYEDKCKCKHLVL 60  
Db 1 MESSKMDSPGALQTNPLKLTHTDRSAGTPEVPEOGYKREKFKVYEDKCKCKHLVL 60

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QY      61  CSPKQTEGHGHCFCSCMAALLSSSPKCTACQESIVDKYKDNCKCREILALDIYRNE 120
Db      61  CSPKQTEGHGHCFCSCMAALLSSSPKCTACQESIVDKYKDNCKCREILALDIYRNE 120
QY      121 SRGCAEQMLIGH-LVHLKNDCHFEEELPCVPDPCKEYKLRKDLRDHYEKACKYREATCSHC 179
Db      121 SRGCAEQMLIGH-LVHLKNDCHFEEELPCVPDPCKEYKLRKDLRDHYEKACKYREATCSHC 180
QY      180 KSOVPMIALQHEHDTDCPVVYVSGCPHNCVSQVTLRLSELSAHLSECVAAPSTCSFKRTGCV 233
Db      181 KSOVPMIALQHEHDTDCPVVYVSGCPHNCVSQVTLRLSELSAHLSECVAAPSTCSFKRTGCV 217
QY      240 FQGTNQOIKHAEEASSAVQHVWLLIKEMSNLSLEKRVSLJONESVEKKNSTIOSLHNOICSEFI 299
Db      218 --GTNQOIKHAEEASSAVQHVWLLIKEMSNLSLEKRVSLJONESVEKKNSTIOSLHNOICSEFI 277
QY      300 EIEROKEMLRNNESEKILHLQAVIDISOAEKLELDEKEIRPFRQWNEADSMKSSVESLQNR 359
Db      276 EIEROKEMLRNNESEKILHLQAVIDISOAEKLELDEKEIRPFRQWNEADSMKSSVESLQNR 335
QY      360 VTELESYDKSGQVARTNGLLLESQLSRRDQMLSHDIRLADMUGFOVLEFASINGVLIV 419
Db      336 VTELESYDKSGQVARTNGLLLESQLSRRDQMLSHDIRLADMURFQVLEFASINGVLIV 395
QY      420 KIRDPYKRRKQCAVWAGKTLSLTSQPFYTGEGYKKKCARVYLNGDGMGKTHLSLEFVIMRG 479
Db      396 KIRDPYKRRKQCAVWAGKTLSLTSQPFYTGEGYKKKCARVYLNGDGMGKTHLSLEFVIMRG 455
QY      480 EYDALLPMPFQOKVYTLMLMDGSSRRHLGDAFKDPDPNSSSKFKPTGEMINIASGCPVEVAQ 539
Db      456 EYDALLPMPFQOKVYTLMLMDGSSRRHLGDAFKDPDPNSSSKFKPTGEMINIASGCPVEVAQ 515
QY      540 TVLENGTYIKDDTLEFIKIVYDTSLLPDP 567
Db      516 TVLENGTYIKDDTLEFIKIVYDTSLLPDP 543

RESULT 2
US-08-349-357-2
: Sequence 2, Application US/08349357
: Patent No. 6265556
: GENERAL INFORMATION:
: APPLICANT: Reed, John C.
: APPLICANT: Sato, Takaaki
: TITLE OF INVENTION: CD40 Associated Proteins
: NUMBER OF SEQUENCES: 17
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Campbell and Flores
: STREET: 4370 La Jolla Village Drive, Suite 700
: CITY: San Diego
: STATE: California
: COUNTRY: USA
: ZIP: 92122
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/349,357
: FILING DATE: 02-DEC-1994
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Campbell, Cathryn A.
: REGISTRATION NUMBER: 31,815
: REFERENCE/DOCKET NUMBER: P-LJ 1203
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (619) 535-9001
: TELEFAX: (619) 535-8949
: INFORMATION FOR SEQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 543 amino acids

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;      TYPE: amino acid
;      TOPOLOGY: linear
;      MOLECULE TYPE: protein
US-08-349-357-2

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Query Match	Score	DB 4	Length
93.38	2804	5433	

Matches 538; Conservative 0; Mismatches 4; Indels 26; Gaps 2.

QY 1 MESSKKMDSPGALQTNPLKLTHTDRSAGTPVFVPEGGGKKEKFKVTVEDKYKCEKCHLV 60

Db 1 MESSKKMDSPGALQTNPLKLTHTDRSAGTPVFVPEGGGKKEKFKVTVEDKYKCEKCHLV 60

61 CSPKQTECGHRCESCMALLSSSSPKCTACQESI VKDKVEKDNCKREITLALOICYRNE 120

00 01 CBFAYIEC0HNSCE3CMWALPSS33FACIACQE3I VADKVFNDNCCAKKEILEAQIICRNE 120

— — — — —

100 ACCOUNTANT CERTIFICATION EXAM: 2000

Db 181 KSOVPMALOKHEDTDCBCVWSCPBRKCSVOTLIRSE----- 217

QY 240 FQGTNQIKAHASSAVQHVNLKEMWSNSLEKKVSLLOÑESVEKKNKSIOQLHÑICFEEI 2999

Db 218 -GTNOQIKAHEASSAVQHVNLLKEWSNSLEKKVSLLONESVEKKNKSIQSLHNQICF EI 275

QY 300 EIERQKEMLRNNESKILHLQRVIDSQAEEKLKELDK EIRPFRQNWEEADSMKSSVESLQNR 355

DD 2/8 ELEKQEMELKNNESK1EHLQV1DSQAEKELKELDKELRSEKQNWEEADSMKSSVESLQNK 333

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[illegible]

Db 396 KIRDYKBRKOEAVMGKTLISYOPFYTGFEYKMCARVYINGDGMGKTHISLEFYIMRG 455

QY 480 EYDALLPWFQKQVTLMIMDQSSRRHLGDAFKPDPNSSSEFKPTGEMNIASGCPVFAQ 539

Db 456 EYDALLPWFQKVTLMIMDQSSRRHLGDAFKPDPNSSSFKKPTGEMNIA SGCPVFAQ 515

QY 540 TVLENGTYIKDDTIFIKVIVDTSLLPDP 567

DD 310 1VEENG11INDD11E INVI1VD15BUEFDP 343

### RESULT 3

; Sequence 36, Application US/09268544B  
Patent No. 5410710

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; GENERAL INFORMATION:
: APPLICANT: Iederman, Seth

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; CURRENT APPLICATION NUMBER: US/09/268,544B

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; NUMBER OF SEQ ID NOS: 43
SOFTWARE: Datasofts v0.1

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; SEQ ID NO 36
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; LENGTH: 438

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ORGANISM: Human

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Best Local Similarity 76.68; Pred. No. 9.1e-184;  
Matches 435; Conservat 40; Mismatches 3; Indels 131; Cons



QY	186	IALOKHEDTDCPVAVSPHNSCVQTLRSTLSHLSSECVNAPSTCFKRYGCVFOSTNQ	2455
Db	178	TNLDDHENSCEPRAPVSCPNRNC-VQTLPRAVNHNHLLVCEBAEDCCFFKHYGCVTKRKG	236
QY	246	QIKAHKASSAVOHNLLEKWSNSLEKRVSLDQNESEYKNSIOSLHNQIOSFETIEBROK	3055
Db	237	NLEHERAALQDHLVLVLEKKYQLEQJLISDQYSLBEKESKIQQLATYVKKFEKELQFT	206
QY	306	EMLEKNN-----ESKLHLQRVIDSQAEKILKELDKETREFRNMWE	3455
Db	297	QMFGRNGTFLSNVOALTEJSHTDKSAMLEAOYHNLQIYNQOPRSL-----D	3411
QY	346	ADSKSSVESLQNVTELESYDKSAGQVARNITGLLESQLSRHHQMLSVHDIRLADIDLGF	405
Db	342	LRLSLVDAYDSVKQKITDLEASD-----ORVLVEEETSKHNAHIIHNAQJLNKKNEERF	394
QY	406	QVLETAASYNGVLLIKIDYKRRKQEAVMGKTLISYSPQFTGYEGYMCARVLLNDGMS	4655
Db	395	KQEGACYSQGLIKVYDIYKRRKREANEGHTVSYFSQPFYTSKCGYRLCARVLLNDGSG	454
QY	466	KGTHLSLFEYVIMGEYDALLPWPFKQAVTLMLDQSSRRHLQDAKRPDPNSSSFFKPKPTG	5255
Db	455	KGTHLSLFEYVIMGEFSDLSLQMPFQRQVTLMLDQSGKKNHIVETFERADPNSSSFFRPOG	514
QY	526	EMNIASGCPVFAQTVLE--GTYIKDQTLFIFYIVDTSLLPD	566
Db	515	EMNIASGCPREVSHSTLENSKNYIKDQTLFELVAVADTLDELD	557

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RESULT 6
US-09-138-277C-3
; Sequence 3, Application US/09138277C
; Patent No. 6426403
; GENERAL INFORMATION:
; APPLICANT: NAKATA, MOTOMI
; APPLICANT: NAKANO, HIROYASU
; APPLICANT: YAGITA, HIDEO
; APPLICANT: OKUMURA, KO
; TITLE OF INVENTION: TRAF FAMILY MOLECULES, POLYNUCLEOTIDES ENCODING THEM,
; TITLE OF INVENTION: AND ANTIBODIES AGAINST THEM
; FILE REFERENCE: 007898-025515
; CURRENT APPLICATION NUMBER: US/09/138, 277C
; CURRENT FILING DATE: 1998-08-18
; PRIOR APPLICATION NUMBER: PCT/JP97/00512
; PRIOR FILING DATE: 1997-02-24
; PRIOR APPLICATION NUMBER: JP 34674/1996
; PRIOR FILING DATE: 1996-02-22
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 557
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-138-277C-3

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Query Match	39.3%	Score 1182	DB 4:	Length 557
Best Local Similarity	41.6%	Pred. No. 9.9e-94		
Matches 22;	Conservative 121;	Mismatches 181;	Indels 20;	Gaps 8;
QY	25	RSAGTAPVPEQGGYKKEKFKVTVEDKYKCECHLALCSPKOTEGCHRCESCMAALLS-S	83	
DB	17	QNSGNSISLDFEPISEYQFVERLEBRKYCARCHSVLNRHDTGGCHRRQCHILSLRELN	76	
QY	84	SSPRTCAQGESIVADKFKFKDNCCKRELLALDITCANESGCAEOLMLGLHLKNDCHFE	143	
DB	77	TVPICPVADKEVTKSQEVEFKDCKRREVLINLVYGSN-APGCNAKVTILRYRDHILQOCLFQ	135	
QY	144	ELPCVPDEKKEVYLRKLDLHDHVEKACKREATGSCSQGVMAIALOKHEDTDCPEVUSC	203	
DB	136	PVCGSNCKGHEPVLARKDLKHLNLSGCPFRKRCCLYCKKDDVYVILNDQNHENIDLCPEY PVFC	195	
QY	204	PHKCSVOTLLRSELSTAHLSSECVNAPSTGCSFRRYGCVFQGTNOQIKAHNEASSAVQHNLIK	263	

Db	196	PNNCA-KILILETVEYDEHILAVCPRAEADOCPEFNHYGCAVITDKRRNLDQJHNSHLYRHMMLVYL	254
Qy	264	EMSNLEKXVSLLONESVEKKKSTIOSLHNOICSEIEIEROKEMKLRRNNESKITLHLRVYID	322
Db	255	EKNVQLEQOIIDLHKSLEBOKESKTOOLUJETIKKLEKEKOPAOLEFGNGSEFLPINQ-VFA	313
Qy	324	SOAEIKLELDEIRPE-----RONMEADSMKSVSLEOMRVLEDSVSKSAGQVARNP	377
Db	314	SHIDKSANLEAQVHOLLQVMNQONKEDRLRLRLMAVDTQVOKITLLEND-----QRL	366
Qy	378	GLLESQLSRHDOMLSVHDIRLADMDFQVULETASVYGVLTWIKITRDYKRRKOEAVMKTL	437
Db	367	AVLEETETKNDHTHINHAQOLSKNEEBEFKILEGTCYNGKILMKVTDYMKKMKREAVDGHV	426
Qy	438	SLYSOPFTGVEGYKMCARVLYNDGSGKGNHSLFVIRNGEVDALLPMPFQKVTYML	497
Db	427	SIFOSQFTTSCGTRLCRRAYLYNDGSGRGHSLYLVVMNGERDSTLLOPFRQRTYML	486
Qy	498	MDQSSSRHHLDAAKRPDNNSSFFKPPGTENMIIASGCVFAAQVLYEN--GTUYIKDDTIFI	555
Db	487	LDO-SGKKINIMETKRPDNNSSFFKRPDGENMIIASGCVFAAHSVLEBAKKAUYIKDDTFL	545
Qy	556	KVIYDTSIDLPD	566
Db	546	KVAVDLTIDLED	556

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RESULT 7
US-09-181-958-2
: Sequence 2, Application US/09181958
: Patent No. 6143507
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: GENERAL INFORMATION:
:
: APPLICANT: Kenly, Marilyn R
: APPLICANT: Pullen, Steven S
:
: TITLE OF INVENTION: High throughput Compatible Assays for Receptor-TRAF
:
: FILE REFERENCE: 9_142_Nuc1_Seq
:
: CURRENT APPLICATION NUMBER: US/09/181,958
:
: CURRENT FILING DATE: 1998-10-29
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: NUMBER OF SEQ. ID NOS: 2
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: SOFTWARE: Patentln Ver. 2.0
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: SEQ. ID NO 2
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: LENGTH: 228
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: TYPE: PRT
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: ORGANISM: human
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: US-09-181-958-2

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	Query Match	37.0%;	Score 111;	DB 4	Length 228;
	Best Local Similarity	99.5%;	Pred. No. 3,6e+8;		
	Matches 214;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;
QY	353	VESTLQNRVTELESVDKSGQVARNRTGLLESQLSRRHDMLSVHDIRLADMIDLGFOVLETA	412		
Db	1	VESTLQNRVTELESVDKSGQVARNRTGLLESQLSRRHDMLSVHDIRLADMIDLGFOVLETA	50		
QY	413	YNGVLIRKTRIDPKRRKROKQAVVNGKTLSTVSOPFTYTGFGYKKCARVYLVNGDGGKCTHSL	472		
Db	61	YNGVLIRKTRIDPKRRKROKQAVVNGKTLSTVSOPFTYTGFGYKKCARVYLVNGDGGKCTHSL	120		
QY	473	FEVIMRGEYDALLPWPEKQKVTLMMLDQSSRRHLGDAFFDPNNSFFKPTGENNIASG	532		
Db	121	FEVIMRGEYDALLPWPEKQKVTLMMLDQSSRRHLGDAFFDPNNSFFKPTGENNIASG	180		
QY	533	CPVFAQTVLENGTYIKDDTIFIRIVYDTSLLPDP	567		
Db	181	CPVFAQTVLENGTYIKDDTIFIRIVYDTSLLPDP	215		

RESULT 8  
US-08-331-394-4  
; Sequence 4, Application US/08331394

GenCore version 5.1.3  
Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using sw model

Run on: January 2, 2003, 15:13:00 : Search time 12 Seconds  
(without alignments)  
895,459 Million cell updates/sec

Title: US-08-404-832-2

Sequence: 1 MESSKMDSPGALQTNPPK.....INDDTFFIVYDTPDP 567

Scoring table: BLOSUM62  
Gapop 10.0, Gapext 0.5

Searched: 117078 seqs, 18951520 residues

Total number of hits satisfying chosen parameters: 117078

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 08

Maximum Match 1008  
Listing first 45 summaries

Database : Published Applications\_AA:\*

1: /cgn2\_6/ptodata/2/pubppaa/US08\_NEW\_PUB.pep:\*  
2: /cgn2\_6/ptodata/2/pubppaa/PCT\_NEW\_PUB.pep:\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2980.5	99.2	568	US-08-813-323A-2	Sequence 2, Appli
2	2852	94.9	566	US-08-813-323A-1	Sequence 1, Appli
3	2804	93.3	543	US-09-757-041-2	Sequence 2, Appli
4	2196.5	73.1	438	US-09-950-902-2	Sequence 4, Appli
5	1695	56.4	347	US-09-950-902-4	Sequence 4, Appli
6	207	6.9	43	US-09-981-289-4	Sequence 4, Appli
7	207	6.9	43	US-09-981-289-4	Sequence 4, Appli
8	186.5	6.2	72	US-09-864-761-33993	Sequence 33993, A
9	174	5.8	61	US-09-764-692-857	Sequence 857, App
10	156.5	5.2	658	US-09-764-864-818	Sequence 818, App
11	152.5	5.1	563	US-09-764-864-1277	Sequence 1277, Ap
12	149.5	5.0	185	US-09-949-842-19	Sequence 19, Appli
13	147.5	4.9	232	US-09-998-667-1	Sequence 1, Appli
14	141.5	4.7	503	US-09-764-864-835	Sequence 835, App
15	136	4.5	1641	US-10-017-216-5	Sequence 5, Appli
16	134	4.5	239	US-09-998-667-7	Sequence 7, Appli
17	133.5	4.4	2053	US-10-017-216-2	Sequence 2, Appli
18	133	4.4	340	US-09-250-883-17	Sequence 17, Appli
19	133	4.4	1958	US-10-028-946-4	Sequence 4, Appli

20	133	4.4	2054	US-10-028-946-2	Sequence 2, Appli
21	132.5	4.4	245	US-09-998-667-9	Sequence 9, Appli
22	132	4.4	829	US-09-946-805-8	Sequence 8, Appli
23	131	4.4	50	US-09-796-692-856	Sequence 856, App
24	129.5	4.3	285	US-09-764-864-841	Sequence 841, App
25	127	4.2	2055	US-10-017-216-4	Sequence 4, Appli
26	125	4.2	414	US-09-764-864-821	Sequence 821, App
27	125	4.2	1863	US-09-734-672-2	Sequence 2, Appli
28	125	4.2	1863	US-09-734-672-4	Sequence 4, Appli
29	125	4.2	1863	US-09-734-672-6	Sequence 6, Appli
30	125	4.2	2139	US-09-745-763-168	Sequence 168, App
31	122	4.1	677	US-09-925-301-1306	Sequence 8, Appli
32	121.5	4.0	228	US-09-925-301-1306	Sequence 8, Appli
33	121.5	4.0	231	US-09-764-864-837	Sequence 837, App
34	121.5	4.0	231	US-09-764-864-837	Sequence 837, App
35	121.5	4.0	231	US-09-764-864-837	Sequence 837, App
36	121.5	4.0	545	US-09-908-988B-4	Sequence 4, Appli
37	120.5	4.0	343	US-09-908-988B-6	Sequence 6, Appli
38	120	4.0	412	US-09-925-300-1669	Sequence 1669, Ap
39	120	4.0	1175	US-09-771-161A-224	Sequence 224, App
40	120	4.0	1175	US-09-771-161A-225	Sequence 225, App
41	120	4.0	1175	US-09-771-161A-226	Sequence 226, App
42	119.5	4.0	285	US-09-764-864-1296	Sequence 1296, Ap
43	119.5	4.0	600	US-09-975-901-2	Sequence 2, Appli
44	119	4.0	945	US-09-745-763-191	Sequence 191, App
45	119	4.0	1597	US-10-017-216-6	Sequence 6, Appli

#### ALIGNMENTS

RESULT 1  
US-08-813-323A-2  
; Sequence 2, Application US/08813323A  
; Patent No. US20020031522A1  
GENERAL INFORMATION:  
APPLICANT: Baltimore, David  
APPLICANT: Cheng, Genhong  
APPLICANT: Cleary, Aileen  
APPLICANT: Lederman, Seth  
APPLICANT: Ye, Zheng-sheng  
TITLE OF INVENTION: TRUNCATED CRAPI INHIBITS CD40 SIGNALING  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham, LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/813,323A  
FILING DATE:  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 50659  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 278-0400  
TELEFAX: (212) 391-0525  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 568 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide

Minh Tam  
Davis

FEATURE:  
NAME/KEY: Peptide  
LOCATION: 1..568  
US-08-813-323A-2

Query Match 99.2%; Score 2980.5; DB 8; Length 568;  
Best Local Similarity 99.5%; Pred. No. 2e-209; Indels 1; Gaps 1;  
Matches 565; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

QY 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPPEOGGYKEKFKVEKCKEHLVL 60  
DB 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPPEOGGYKEKFKVEKCKEHLVL 60  
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DB 61 CSPKQTECGHRECECMAALLSSSPKCTACQESIYKDKYFKONCKRETLALQIYCRNE 120  
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DB 121 SRGCAQLMLGH-LVHLKNDCHFEELPCVAPDCKEVLKRDLDHYEKACKYREATCSHC 180  
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DB 181 KSOVPMIALQKHEDTDCPCVVVSCPHKCSVQTLRSELNAHLSVCYNASTCSFKRYGCV 240  
QY 240 FOGTNOQIAHEASSAVOHVNLKEMNSLEKKVSLQNESVEKNSIOSLHNOICFPEI 299  
DB 241 FOGTNOQIAHEASSAVOHVNLKEMNSLEKKVSLQNESVEKNSIOSLHNOICFPEI 300  
QY 300 EIEROKEMLRNNESKILHLQRYIDSOAEKLELDKEIRPRRQWMEADSMKSSVESLQNR 359  
DB 301 EIEROKEMLRNNESKILHLQRYIDSOAEKLELDKEIRPRRQWMEADSMKSSVESLQNR 360  
QY 360 VTELESVDKSAGVANTGLESQLSRHDQMSVHDIRLADMDLGQVLETASYNGVLW 419  
DB 361 VTELESVDKSAGVANTGLESQLSRHDQMSVHDIRLADMDLRQVLETASYNGVLW 420  
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DB 541 TVLENGTYIKDITIFIKVIVDTSDLPD 568

## RESULT 2

US-08-813-323A-1  
Sequence 1, Application US/08813323A  
Patent No. US20020031522A1  
GENERAL INFORMATION:  
APPLICANT: Baltimore, David  
APPLICANT: Cheng, Genhong  
APPLICANT: Cleary, Aileen  
APPLICANT: Lederman, Seth  
APPLICANT: Ye, Zheng-sheng  
TITLE OF INVENTION: TRUNCATED CRAPI INHIBITS CD40 SIGNALING  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESS: Cooper & Dunham, LLP  
STREET: 1185 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/813,323A  
FILING DATE:  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 50659  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 278-0400  
TELEFAX: (212) 391-0525  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 566 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: Peptide  
LOCATION: 1..566  
US-08-813-323A-1

Query Match 94.9%; Score 2852; DB 8; Length 566;  
Best Local Similarity 95.6%; Pred. No. 4.5e-200;  
Matches 542; Conservative 7; Mismatches 16; Indels 2; Gaps 2;

QY 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPPEOGGYKEKFKVEKCKEHLVL 60  
DB 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPPEOGGYKEKFKVEKCKEHLVL 59  
QY 61 CSPKQTECGHRECECMAALLSSSPKCTACQESIYKDKYFKONCKRETLALQIYCRNE 120  
DB 60 CNPKQTECGHRECECMAALLSSSPKCTACQESIYKDKYFKONCKRETLALQIYCRNE 119  
QY 121 SRGCAQLMLGH-LVHLKNDCHFEELPCVAPDCKEVLKRDLDHYEKACKYREATCSHC 179  
DB 120 SRGCAQLMLGH-LVHLKNDCHFEELPCVAPDCKEVLKRDLDHYEKACKYREATCSHC 179  
QY 180 KSOVPMIALQKHEDTDCPCVVVSCPHKCSVQTLRSELNAHLSVCYNASTCSFKRYGCV 239  
DB 180 KSOVPMIALQKHEDTDCPCVVVSCPHKCSVQTLRSELNAHLSVCYNASTCSFKRYGCV 239  
QY 240 FOGTNOQIAHEASSAVOHVNLKEMNSLEKKVSLQNESVEKNSIOSLHNOICFPEI 299  
DB 240 FOGTNOQIAHEASSAVOHVNLKEMNSLEKKVSLQNESVEKNSIOSLHNOICFPEI 299  
QY 300 EIEROKEMLRNNESKILHLQRYIDSOAEKLELDKEIRPRRQWMEADSMKSSVESLQNR 359  
DB 300 EIEROKEMLRNNESKILHLQRYIDSOAEKLELDKEIRPRRQWMEADSMKSSVESLQNR 359  
QY 360 VTELESVDKSAGVANTGLESQLSRHDQMSVHDIRLADMDLGQVLETASYNGVLW 419  
DB 360 VTELESVDKSAGVANTGLESQLSRHDQMSVHDIRLADMDLRQVLETASYNGVLW 419  
QY 420 KIRDYKRRROEAVMGKTLISYQPFYTGFGYKMCARVYVLNGDMKGTHLSLFEVIMRG 479  
DB 420 KIRDYKRRROEAVMGKTLISYQPFYTGFGYKMCARVYVLNGDMKGTHLSLFEVIMRG 479  
QY 480 EYDALLPMPFKQKVTLMLDQSSRRHLDAFKRPDPNSSSFKKPTGEMNIASGCPVFAO 539  
DB 480 EYDALLPMPFKQKVTLMLDQSSRRHLDAFKRPDPNSSSFKKPTGEMNIASGCPVFAO 539  
QY 540 TVLENGTYIKDITIFIKVIVDTSDLPD 566  
DB 540 TVLENGTYIKDITIFIKVIVDTSDLPD 566

## RESULT 3

US-09-757-041-2  
Sequence 2, Application US/09757041  
Patent No. US20020009726A1



GENERAL INFORMATION:

APPLICANT: Reed, John C.  
 APPLICANT: Saco, Takaaki  
 TITLE OF INVENTION: CD40 Associated Proteins  
 NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Campbell and Flores  
 STREET: 4370 La Jolla Village Drive, Suite 700  
 CITY: San Diego  
 STATE: California  
 COUNTRY: USA  
 ZIP: 92122  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent In Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/757,041  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/349,357  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Campbell, Cathryn A.  
 REGISTRATION NUMBER: 31,815  
 REFERENCE/DOCKET NUMBER: P-LJ 1203  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (619) 535-9001  
 TELEFAX: (619) 535-8949  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 543 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-09-757-041-2

*Simon*  
*Amgen*

Query Match 93.3%; Score 2804; DB 10; Length 543;  
 Best Local Similarity 94.7%; Pred. No. 1.3e-196;  
 Matches 538; Conservative 0; Mismatches 4; Indels 26; Gaps 2;

QY 1 MESSKKMDSFGALQTNPLKHTDRSAGTPVFPVPEOGYKEKYKTYEDKCKCKHLYL 60  
 DB 1 MESSKKMDSFGALQTNPLKHTDRSAGTPVFPVPEOGYKEKYKTYEDKCKCKHLYL 60  
 Y 61 CSPKQTECGHRCFSCMAALLSSSPKCTACQESIVDKYFKDCKCKREILALQIYRNE 120  
 DB 61 CSPKQTECGHRCFSCMAALLSSSPKCTACQESIVDKYFKDCKCKREILALQIYRNE 120  
 QY 121 SRGAEQMLGLH-LVHLKNDCHFEELPCVRPDCKEKYLKRDLDHVEKACKYREATCSHC 179  
 DB 121 SRGAEQMLGLH-LVHLKNDCHFEELPCVRPDCKEKYLKRDLDHVEKACKYREATCSHC 179  
 QY 180 KSOVPMIALOKHEDTDCPCVYVSCPHKCSVQTLRLSELSAHLSECVNAPSTCSFKRYGCV 239  
 DB 180 KSOVPMIALOKHEDTDCPCVYVSCPHKCSVQTLRLSELSAHLSECVNAPSTCSFKRYGCV 239  
 QY 240 FQGTNOQIKHAHSAVAOHNLKEMNSLEKKVSLQNESVEKNKSIQSLHNOICSEFI 299  
 DB 240 FQGTNOQIKHAHSAVAOHNLKEMNSLEKKVSLQNESVEKNKSIQSLHNOICSEFI 299  
 QY 218 --GTNOQIKHAHSAVAOHNLKEMNSLEKKVSLQNESVEKNKSIQSLHNOICSEFI 275  
 DB 218 --GTNOQIKHAHSAVAOHNLKEMNSLEKKVSLQNESVEKNKSIQSLHNOICSEFI 275  
 QY 300 EIEROKEMLNNEKSLILHQRVIDSQAEKLELDKEIRPRRQNMEEADSKSSVESIQNR 359  
 DB 300 EIEROKEMLNNEKSLILHQRVIDSQAEKLELDKEIRPRRQNMEEADSKSSVESIQNR 359  
 QY 276 EIEROKEMLNNEKSLILHQRVIDSQAEKLELDKEIRPRRQNMEEADSKSSVESIQNR 335  
 DB 276 EIEROKEMLNNEKSLILHQRVIDSQAEKLELDKEIRPRRQNMEEADSKSSVESIQNR 335  
 QY 360 VTELESYDKSAGVARTGLESLSRHQDMLSVHDIRLADMDLGFQVLETAASYNGVLIW 419  
 DB 360 VTELESYDKSAGVARTGLESLSRHQDMLSVHDIRLADMDLGFQVLETAASYNGVLIW 419  
 QY 336 VTELESYDKSAGVARTGLESLSRHQDMLSVHDIRLADMDLGFQVLETAASYNGVLIW 395  
 DB 336 VTELESYDKSAGVARTGLESLSRHQDMLSVHDIRLADMDLGFQVLETAASYNGVLIW 395  
 QY 420 KIRDYKRRKQEAVMGKTLSTYQPFYGYGYKCAVYLVNGDMGKTHLSLFEVIMRG 479  
 DB 420 KIRDYKRRKQEAVMGKTLSTYQPFYGYGYKCAVYLVNGDMGKTHLSLFEVIMRG 479

DB 396 KIRDYKRRKQEAVMGKTLSTYQPFYGYGYKCAVYLVNGDMGKTHLSLFEVIMRG 455  
 QY 480 EYDALLPWPFPKQKVTLMMDQSSRRHLGDAFKDPNSSFKKPTGEMNIAAGCPVFAQ 539  
 DB 456 EYDALLPWPFPKQKVTLMMDQSSRRHLGDAFKDPNSSFKKPTGEMNIAAGCPVFAQ 515  
 QY 540 TVLENGTYIKDDTFIFVIYDTSIDLPDP 567  
 DB 516 TVLENGTYIKDDTFIFVIYDTSIDLPDP 543

RESULT 4

US-09-950-902-2  
 Sequence 2, Application US/09950902  
 Patent No. US20020127615A1  
 GENERAL INFORMATION:  
 APPLICANT: The Trustees of Columbia University in the City of  
 TITLE OF INVENTION: TRAF-3 DELETION ISOFORMS AND USES THEREOF  
 FILE REFERENCE: 58732-A-PCT  
 CURRENT FILING DATE: 2001-09-10  
 PRIOR APPLICATION NUMBER: PCT/US00/06503  
 PRIOR FILING DATE: 2000-03-10  
 PRIOR APPLICATION NUMBER: 09/268,544  
 PRIOR FILING DATE: 1999-03-11  
 NUMBER OF SEQ ID NOS: 14  
 SOFTWARE: Patent In Ver. 2.1  
 SEQ ID NO 2  
 LENGTH: 438  
 TYPE: PRT  
 ORGANISM: Isolated TRAF-3 deletion isoform protein  
 US-09-950-902-2

Query Match 73.1%; Score 2196.5; DB 10; Length 438;  
 Best Local Similarity 76.3%; Pred. No. 1.6e-152;  
 Matches 434; Conservative 0; Mismatches 2; Indels 133; Gaps 4;

QY 1 MESSKKMDSFGALQTNPLKHTDRSAGTPVFPVPEOGYKEKYKTYEDKCKCKHLYL 60  
 DB 1 MESSKKMDSFGALQTNPLKHTDRSAGTPVFPVPEOGYKEKYKTYEDKCKCKHLYL 60  
 Y 61 CSPKQTECGHRCFSCMAALLSSSPKCTACQESIVDKYFKDCKCKREILALQIYRNE 120  
 DB 61 CSPKQTECGHRCFSCMAALLSSSPKCTACQESIVDKYFKDCKCKREILALQIYRNE 120  
 QY 121 SRGAEQMLGLH-LVHLKNDCHFEELPCVRPDCKEKYLKRDLDHVEKACKYREATCSHC 179  
 DB 121 SRGAEQMLGLH-LVHLKNDCHFEELPCVRPDCKEKYLKRDLDHVEKACKYREATCSHC 179  
 QY 180 KSOVPMIALOKHEDTDCPCVYVSCPHKCSVQTLRLSELSAHLSECVNAPSTCSFKRYGCV 239  
 DB 180 KSOVPMIALOKHEDTDCPCVYVSCPHKCSVQTLRLSELSAHLSECVNAPSTCSFKRYGCV 239  
 QY 240 FQGTNOQIKHAHSAVAOHNLKEMNSLEKKVSLQNESVEKNKSIQSLHNOICSEFI 299  
 DB 240 FQGTNOQIKHAHSAVAOHNLKEMNSLEKKVSLQNESVEKNKSIQSLHNOICSEFI 299  
 QY 189 ----- 188  
 DB 300 EIEROKEMLNNEKSLILHQRVIDSQAEKLELDKEIRPRRQNMEEADSKSSVESIQNR 359  
 DB 189 ----- 230  
 QY 360 VTELESYDKSAGVARTGLESLSRHQDMLSVHDIRLADMDLGFQVLETAASYNGVLIW 419  
 DB 231 VTELESYDKSAGVARTGLESLSRHQDMLSVHDIRLADMDLGFQVLETAASYNGVLIW 290  
 QY 420 KIRDYKRRKQEAVMGKTLSTYQPFYGYGYKCAVYLVNGDMGKTHLSLFEVIMRG 478  
 DB 291 KIRDYKRRKQEAVMGKTLSTYQPFYGYGYKCAVYLVNGDMGKTHLSLFEVIMRG 349  
 QY 479 GEYDALLPWPFPKQKVTLMMDQSSRRHLGDAFKDPNSSFKKPTGEMNIAAGCPVFA 538  
 DB 350 GEYDALLPWPFPKQKVTLMMDQSSRRHLGDAFKDPNSSFKKPTGEMNIAAGCPVFA 409

OY 539 QTVLENGTYIKDITFIKVIYDTSIDLDP 567  
|  
Db 410 QTVLENGTYIKDITFIKVIYDTSIDLDP 438

RESULT 5  
US-09-950-902-4  
; Sequence 4, Application US/09950902  
; Patent No. US20020127615A1  
; GENERAL INFORMATION:  
; APPLICANT: The Trustees of Columbia University in the City of  
; TITLE OF INVENTION: TRAF-3 DELETION ISOFORMS AND USES THEREOF  
; FILE REFERENCE: 58732-A-PCF  
; CURRENT APPLICATION NUMBER: US/09/950,902  
; CURRENT FILING DATE: 2001-09-10  
; PRIOR APPLICATION NUMBER: PCT/US00/06503  
; PRIOR FILING DATE: 2000-03-10  
; PRIOR APPLICATION NUMBER: 09/268,544  
; PRIOR FILING DATE: 1999-03-11  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 4  
; LENGTH: 347  
; TYPE: PRT  
; ORGANISM: Isolated TRAF-3 deletion isoform protein  
US-09-950-902-4

Query Match 56.4%; Score 1695; DB 10; Length 347;  
Best Local Similarity 61.0%; Pred. No. 3,6e-116;  
Matches 346; Conservative 0; Mismatches 1; Indels 220; Gaps 1;

OY 1 MESSKMDSPGALQTNPLKHTDRSAGTFVPEOGGYKEKFKYVEDKCKEKLVL 60  
|  
Db 1 MESSKMDSPGALQTNPLKHTDRSAGTFVPEOGGYKEKFKYVEDKCKEKLVL 60  
OY 61 CSPKQTECGHRCFESCMALSSSPKCTACQESIYKDKVFNCKCKRETLAQYCRNE 120  
|  
Db 61 CSPKQTECGHRCFESCMALSSSPKCTACQESIYKDKVFNCKCKRETLAQYCRNE 120  
OY 121 SRCAQQLMGLVHLKNDCHFELPCVPRDCKEKLKLDLKHVEKACKYREATCSHCK 180  
|  
Db 100 ----- 99  
OY 181 SQVPMIALQKHEDTDCPCVYVSCPHKCSQVTLRLSELSAHLSVCVNA PSTCSFKRYGVF 240  
|  
Db 100 ----- 99  
OY 241 OGTHQIKAHASSAVQHVNLKEMSNLEKKVSLQNESVEKKNSIQSLHNOICSEIE 300  
|  
Db 100 ----- 99  
OY 301 IERQKMLNNESKILHLQVIDSQAELKELDKETIRPRONWEADSMKSSVESIQNRY 360  
|  
Db 100 ----- RVIDSQAELKELDKETIRPRONWEADSMKSSVESIQNRY 140  
OY 361 TELESYKASAGVARTGLLESOLSRHDMLSVHDIRLADMQLGFQVLETA SYNGVLTK 420  
|  
Db 141 TELESYKASAGVARTGLLESOLSRHDMLSVHDIRLADMQLGFQVLETA SYNGVLTK 200  
OY 421 IDYKRRKQEAVMGKTLISYQPFYTGFGYKMKCARVYLNGDMGKGTLSLFFVIMRGE 480  
|  
Db 201 IDYKRRKQEAVMGKTLISYQPFYTGFGYKMKCARVYLNGDMGKGTLSLFFVIMRGE 260  
OY 481 YDALLPMPKQKVTLMLMQSGSSRHLGDAFKPDNSSFKKPTGEMINIASGCPVFAOT 540  
|  
Db 261 YDALLPMPKQKVTLMLMQSGSSRHLGDAFKPDNSSFKKPTGEMINIASGCPVFAOT 320  
OY 541 VLENGTYIKDITFIKVIYDTSIDLDP 567  
|  
Db 321 VLENGTYIKDITFIKVIYDTSIDLDP 347

RESULT 6

US-09-798-789-4  
; Sequence 4, Application US/09798789  
; Patent No. US2002009780A1  
; GENERAL INFORMATION:  
; APPLICANT: Dahljat, Basill  
; APPLICANT: Filikov, Anton  
; TITLE OF INVENTION: DESIGN AND DISCOVERY OF PROTEIN BASED TNF-ALPHA RELATED  
; TITLE OF INVENTION: VARIANTS FOR THE TREATMENT OF TNF-ALPHA RELATED  
; FILE REFERENCE: A-68990-1/RT/RMS/RMK  
; CURRENT APPLICATION NUMBER: US/09/798,789  
; CURRENT FILING DATE: 2001-03-02  
; PRIOR APPLICATION NUMBER: US 60/186,427  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 4  
; LENGTH: 43  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-798-789-4

Query Match 6.9%; Score 207; DB 10; Length 43;  
Best Local Similarity 97.7%; Pred. No. 4,6e-09;  
Matches 42; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 373 VARTGLLESQLSRHDMQLSVHDIRLADMQLGFQVLETA SYNG 415  
|  
Db 1 VARTGLLESQLSRHDMQLSVHDIRLADMQLGFQVLETA SYNG 43

RESULT 7  
US-09-981-289-4  
; Sequence 4, Application US/09981289  
; Patent No. US20020110868A1  
; GENERAL INFORMATION:  
; APPLICANT: Dahljat, Basill I.  
; APPLICANT: Filikov, Anton  
; TITLE OF INVENTION: DESIGN AND DISCOVERY OF PROTEIN BASED TNF-ALPHA FOR THE TREATM  
; FILE REFERENCE: A-68990-3/RT/RMS/RMK  
; CURRENT APPLICATION NUMBER: US/09/981,289  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: US 60/186,427  
; PRIOR FILING DATE: 2000-03-02  
; PRIOR APPLICATION NUMBER: US 09/945,150  
; PRIOR FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: US 09/798,789  
; PRIOR FILING DATE: 2001-03-02  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: PatentIn version 3.1  
SEQ ID NO 4  
; LENGTH: 43  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-981-289-4

Query Match 6.9%; Score 207; DB 10; Length 43;  
Best Local Similarity 97.7%; Pred. No. 4,6e-09;  
Matches 42; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 373 VARTGLLESQLSRHDMQLSVHDIRLADMQLGFQVLETA SYNG 415  
|  
Db 1 VARTGLLESQLSRHDMQLSVHDIRLADMQLGFQVLETA SYNG 43

RESULT 8  
US-09-864-761-33993  
; Sequence 33993, Application US/09864761  
; Patent No. US20020048763A1  
; GENERAL INFORMATION:  
; APPLICANT: Penn, Sharon G.  
; APPLICANT: Rank, David R.

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## OM protein - protein search, using sw model

Run on: January 2, 2003, 15:12:00 ; Search time 147 Seconds  
(without alignments)

2486.828 Million cell updates/sec

Title: US-08-404-832-2

Perfect score: 3005

Sequence: 1 MESSKMSFGALQTNPLK.....IKDDTFIVYDSDLPDP 567

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4569144

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Minimum DB seq length: 0

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Listing first 45 summaries

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3: /cgn2\_6/ptodata/1/paa/US07.COMB.pep.\*

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22: /cgn2\_6/ptodata/1/paa/US09.COMB.pep.\*

23: /cgn2\_6/ptodata/1/paa/US09.COMB.pep.\*

24: /cgn2\_6/ptodata/1/paa/US10.COMB.pep.\*

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27: /cgn2\_6/ptodata/1/paa/US60.COMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	3005	100.0	567	1	PCT-US95-06623-2
2	3005	100.0	567	16	US-08-404-832-2
3	3005	100.0	567	16	US-09-224-556-2
4	3005	100.0	567	20	US-09-645-926A-7
5	3005	100.0	567	21	US-09-791-537-145945
6	3005	100.0	567	26	US-10-207-655-103

7	3005	100.0	567	26	US-10-242-212-7	Sequence 7, Appl
8	2986.5	99.4	568	1	PCT-US02-17382-131	Sequence 131, App
9	2986.5	99.4	568	7	US-08-367-540A-7	Sequence 7, Appl
10	2986.5	99.4	568	7	US-08-367-540B-7	Sequence 7, Appl
11	2986.5	99.4	568	7	US-08-367-540C-7	Sequence 7, Appl
12	2986.5	99.4	568	21	US-09-791-537-84441	Sequence 84441, A
13	2986.5	99.4	568	24	US-10-042-865-166	Sequence 166, App
14	2980.5	99.2	568	12	US-08-813-323A-2	Sequence 2, Appl
15	2980.5	99.2	568	12	US-08-813-323B-2	Sequence 2, Appl
16	2980.5	99.2	568	21	US-09-791-537-42127	Sequence 42127, A
17	2980.5	99.2	568	25	US-10-116-275-173	Sequence 173, App
18	2859	95.1	567	12	US-08-813-323B-1	Sequence 1, Appl
19	2859	95.1	567	21	US-09-791-537-60703	Sequence 60703, A
20	2852	94.9	566	12	US-08-813-323A-1	Sequence 1, Appl
21	2851	94.9	567	21	US-09-791-537-40449	Sequence 40449, A
22	2812	93.6	543	1	PCT-US02-17382-129	Sequence 129, App
23	2812	93.6	543	21	US-09-791-537-5588	Sequence 5588, App
24	2804	93.3	543	21	US-09-757-041-2	Sequence 2, Appl
25	2804	93.3	543	21	US-09-757-041A-2	Sequence 2, Appl
26	2716	90.4	861	27	US-60-212-664-479	Sequence 479, App
27	2706	90.0	641	27	US-60-230-435-1071	Sequence 1071, App
28	2196.5	73.1	438	23	PCT-US00-06503-2	Sequence 2, Appl
29	2196.5	73.1	438	23	US-60-245-221-86	Sequence 86, Appl
30	1828	60.8	398	27	PCT-US00-06503-4	Sequence 4, Appl
31	1695	56.4	347	1	US-09-950-902-4	Sequence 4, Appl
32	1695	56.4	347	23	US-09-950-902-4	Sequence 1, Appl
33	1244	41.4	558	15	US-09-170-208-1	Sequence 15, App
34	1244	41.4	558	21	US-09-791-537-40451	Sequence 40451, A
35	1244	41.4	558	21	US-09-791-537-93436	Sequence 93436, A
36	1244	41.4	558	24	US-10-042-865-164	Sequence 164, App
37	1244	41.4	557	24	US-10-042-865-165	Sequence 165, App
38	1182	39.3	557	15	US-09-170-208-4	Sequence 15, App
39	1182	39.3	557	21	US-09-791-537-125567	Sequence 125567, App
40	1182	39.3	557	24	US-10-042-865-162	Sequence 162, App
41	1179	39.2	538	21	US-09-791-537-77702	Sequence 77702, A
42	1179	39.2	538	24	US-10-042-865-163	Sequence 163, App
43	1174.5	37.3	568	24	US-10-042-865-30	Sequence 38, Appl
44	1120.5	37.3	526	24	US-10-042-865-50	Sequence 50, Appl
45	1117.5	37.2	212	21	US-09-760-466-824	Sequence 824, App

## ALIGNMENTS

RESULT 1

PCT-US95-06623-2

Sequence 2, Application PC/TUS9506623

GENERAL INFORMATION:

APPLICANT: THE REGENETS OF THE UNIVERSITY OF MICHIGAN

TITLE OF INVENTION: CD40 BINDING COMPOSITIONS AND METHODS OF USING SAME

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESSES:

ADDRESSEE: MORRISON & FOERSTER

STREET: 755 Page Mill Road

CITY: Palo Alto

STATE: California

COUNTRY: USA

ZIP: 94304-1018

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/06623

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: KONSKI, ANTOINETTE F.

REGISTRATION NUMBER: 34,202

REFERENCE/DOCKET NUMBER: 203442102540

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 813-5600  
 TELEFAX: (415) 494-0792  
 TELE: 706141  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 567 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 PCT-US95-06623-2

Query Match 100.0%; Score 3005; DB 1; Length 567;  
 Best Local Similarity 100.0%; Pred. No. 2.4e-218;  
 Matches 567; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MESSKKMDSFGALQTNPPKLHTDRSAGTPVPEGGYKKEKFKVTKVEKYEKCEKCHLV 60  
 DB 1 MESSKKMDSFGALQTNPPKLHTDRSAGTPVPEGGYKKEKFKVTKVEKYEKCEKCHLV 60  
 QY 61 CSPKQTEGCHRCESCMALLSSSSPKCTACQESIYKDKVFKNCKRRIILAQIYCRNE 120  
 DB 61 CSPKQTEGCHRCESCMALLSSSSPKCTACQESIYKDKVFKNCKRRIILAQIYCRNE 120  
 QY 121 SRGCAEQMLGLVHLKNDCHFEELPCVRPDCKEKYLKRDLDHVEKACKYREATCSHCK 180  
 DB 121 SRGCAEQMLGLVHLKNDCHFEELPCVRPDCKEKYLKRDLDHVEKACKYREATCSHCK 180  
 QY 181 SOVPPIALOKHEDTDCPCVVVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCVF 240  
 DB 181 SOVPPIALOKHEDTDCPCVVVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCVF 240  
 QY 241 OGTONOIKAHESAASAVQHNLKEMNSLEKKVSLQNESVEKNKSIOSLHNOICSEFEIE 300  
 DB 241 OGTONOIKAHESAASAVQHNLKEMNSLEKKVSLQNESVEKNKSIOSLHNOICSEFEIE 300  
 QY 301 IERQKEMLRNNESKILHLQRVIDSQAELKELDKETIRPRQWMEADSKSSVESTIQNRY 360  
 DB 301 IERQKEMLRNNESKILHLQRVIDSQAELKELDKETIRPRQWMEADSKSSVESTIQNRY 360  
 QY 361 TELESVDKSAGOVARTGTLLESQLSRHDQMLSVHDIRLADMOLGQVLETASTYNGVLWK 420  
 DB 361 TELESVDKSAGOVARTGTLLESQLSRHDQMLSVHDIRLADMOLGQVLETASTYNGVLWK 420  
 QY 421 IRDYKRRKQEAVMGKTLISYQPFYTYGYGKMKCARVYLNGDMGKGTLSLFFVIMRGE 480  
 DB 421 IRDYKRRKQEAVMGKTLISYQPFYTYGYGKMKCARVYLNGDMGKGTLSLFFVIMRGE 480  
 QY 481 YDALLPWPFPKQKVTMLMDQSSRRHLGDAFKPDPNSSFFKKPTGEMNIASGCPVFAQT 540  
 DB 481 YDALLPWPFPKQKVTMLMDQSSRRHLGDAFKPDPNSSFFKKPTGEMNIASGCPVFAQT 540  
 QY 541 VLENGTYIKDPTIFIKVIYVDTSDLPDP 567  
 DB 541 VLENGTYIKDPTIFIKVIYVDTSDLPDP 567

RESULT 2  
 US-08-404-832-2  
 ; Sequence 2, Application US/08404832

; GENERAL INFORMATION:  
 ; APPLICANT: DIXIT, VISHA M.  
 ; TITLE OF INVENTION: CD40 BINDING COMPOSITIONS AND METHODS OF  
 ; TITLE OF INVENTION: USING SAME  
 ; NUMBER OF SEQUENCES: 12  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: MORRISON & FOERSTER  
 ; STREET: 755 Page Mill Road  
 ; CITY: Palo Alto  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94304-1018  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/404,832  
 FILING DATE:  
 CLASSIFICATION: 530  
 ATTORNEY/AGENT INFORMATION:  
 NAME: KONSKI, ANTOINETTE F.  
 REGISTRATION NUMBER: 34,202  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 813-5600  
 TELEFAX: (415) 494-0792  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 567 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-404-832-2

Query Match 100.0%; Score 3005; DB 8; Length 567;  
 Best Local Similarity 100.0%; Pred. No. 2.4e-218;  
 Matches 567; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MESSKKMDSFGALQTNPPKLHTDRSAGTPVPEGGYKKEKFKVTKVEKYEKCEKCHLV 60  
 DB 1 MESSKKMDSFGALQTNPPKLHTDRSAGTPVPEGGYKKEKFKVTKVEKYEKCEKCHLV 60  
 QY 61 CSPKQTEGCHRCESCMALLSSSSPKCTACQESIYKDKVFKNCKRRIILAQIYCRNE 120  
 DB 61 CSPKQTEGCHRCESCMALLSSSSPKCTACQESIYKDKVFKNCKRRIILAQIYCRNE 120  
 QY 121 SRGCAEQMLGLVHLKNDCHFEELPCVRPDCKEKYLKRDLDHVEKACKYREATCSHCK 180  
 DB 121 SRGCAEQMLGLVHLKNDCHFEELPCVRPDCKEKYLKRDLDHVEKACKYREATCSHCK 180  
 QY 181 SOVPPIALOKHEDTDCPCVVVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCVF 240  
 DB 181 SOVPPIALOKHEDTDCPCVVVSCPHKCSVOTLLRSELNHLSECVNAPSTCSFKRYGCVF 240  
 QY 241 OGTONOIKAHESAASAVQHNLKEMNSLEKKVSLQNESVEKNKSIOSLHNOICSEFEIE 300  
 DB 241 OGTONOIKAHESAASAVQHNLKEMNSLEKKVSLQNESVEKNKSIOSLHNOICSEFEIE 300  
 QY 301 IERQKEMLRNNESKILHLQRVIDSQAELKELDKETIRPRQWMEADSKSSVESTIQNRY 360  
 DB 301 IERQKEMLRNNESKILHLQRVIDSQAELKELDKETIRPRQWMEADSKSSVESTIQNRY 360  
 QY 361 TELESVDKSAGOVARTGTLLESQLSRHDQMLSVHDIRLADMOLGQVLETASTYNGVLWK 420  
 DB 361 TELESVDKSAGOVARTGTLLESQLSRHDQMLSVHDIRLADMOLGQVLETASTYNGVLWK 420  
 QY 421 IRDYKRRKQEAVMGKTLISYQPFYTYGYGKMKCARVYLNGDMGKGTLSLFFVIMRGE 480  
 DB 421 IRDYKRRKQEAVMGKTLISYQPFYTYGYGKMKCARVYLNGDMGKGTLSLFFVIMRGE 480  
 QY 481 YDALLPWPFPKQKVTMLMDQSSRRHLGDAFKPDPNSSFFKKPTGEMNIASGCPVFAQT 540  
 DB 481 YDALLPWPFPKQKVTMLMDQSSRRHLGDAFKPDPNSSFFKKPTGEMNIASGCPVFAQT 540  
 QY 541 VLENGTYIKDPTIFIKVIYVDTSDLPDP 567  
 DB 541 VLENGTYIKDPTIFIKVIYVDTSDLPDP 567

RESULT 3  
 US-09-224-556-2  
 ; Sequence 2, Application US/09224556  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Dixit, Vishva M.

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1  TITLE OF INVENTION:  CD40 BINDING COMPOSITIONS AND METHODS OF
2  TITLE OF INVENTION:  USING SAME
3  FILE REFERENCE:  128019201702
4  CURRENT APPLICATION NUMBER:  US/09/224,556
5  CURRENT FILING DATE:  1998-12-30
6  PRIOR APPLICATION NUMBER:  08/826,517
7  PRIOR FILING DATE:  1997-04-02
8  PRIOR APPLICATION NUMBER:  08/404,832
9  PRIOR FILING DATE:  1995-03-13
10 NUMBER OF SEQ ID NOS:  16
11 SOFTWARE:  fastseq for Windows Version 3.0
12 SEQ ID NO 2
13   LENGTH:  567
14   TYPE:  prt
15 ORGANISM:  Homo sapiens
16 JS-09-224-556-2

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Query match 100.08; Score 3005; DB 16; Length 567;

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0Y 1 MESSKKMDSPALQTNPPILKHTDRSAGTPVPEVBOGGYKKEFKYTEDKXCKECHLVL 60
Db 1 MESSKKMDSPALQTNPPILKHTDRSAGTPVPEVBOGGYKKEFKYTEDKXCKECHLVL 60
0Y 61 CSPKOTECGHFFCESCMAMALLSSSSPKCTACQESIIVDKVFKDCKCREITALOITYRNE 120
Db 61 CSPKOTECGHFFCESCMAMALLSSSSPKCTACQESIIVDKVFKDCKCREITALOITYRNE 120
0Y 121 SRGCAEQMLGHLVHLKNDCHFEELPCVRPDCCKEKKVRLKDLDRDVEKACKREATCSHCK 180
Db 121 SRGCAEQMLGHLVHLKNDCHFEELPCVRPDCCKEKKVRLKDLDRDVEKACKREATCSHCK 180
0Y 181 SQVPMIALQKHEBDTPCPCVVTSCPHKCSVOTLRLSELJAHLSSECYNAPSTCSFRRYCVF 240
Db 181 SQVPMIALQKHEBDTPCPCVVTSCPHKCSVOTLRLSELJAHLSSECYNAPSTCSFRRYCVF 240
0Y 241 OGTONQIAHABASSAVOHVNLTKEMSNLSLEKKSLLONESYEKKKSLOSILHNOICSEFE 300
Db 241 OGTONQIAHABASSAVOHVNLTKEMSNLSLEKKSLLONESYEKKKSLOSILHNOICSEFE 300
0Y 301 IEROKEMLRNNESSKILHLQRYIDSQAELKLELDEIRPFRRONWEADSMKSSVESLONRV 360
Db 301 IEROKEMLRNNESSKILHLQRYIDSQAELKLELDEIRPFRRONWEADSMKSSVESLONRV 360
0Y 361 TELESVDKSAQOVARNTGLESQLSRHDQMLSVHDIRLADMJLGFQVLETAASYNGVLIWK 420
Db 361 TELESVDKSAQOVARNTGLESQLSRHDQMLSVHDIRLADMJLGFQVLETAASYNGVLIWK 420
0Y 421 IRDVKRRKQEVNMGKTLISLSYQPFYTGFGYKMCARYLYLNDGKGKGTHTLSLFEVIMRGE 480
Db 421 IRDVKRRKQEVNMGKTLISLSYQPFYTGFGYKMCARYLYLNDGKGKGTHTLSLFEVIMRGE 480
0Y 481 YDALLPWFCKQVYVLTMLMDQSSRRHLGDAKPPDNSSFFKPPGEMNIASGCEVFAQOT 540
Db 481 YDALLPWFCKQVYVLTMLMDQSSRRHLGDAKPPDNSSFFKPPGEMNIASGCEVFAQOT 540
0Y 541 VLENGTYIKDDTIFIKVIVDPSDLPDP 567
Db 541 VLENGTYIKDDTIFIKVIVDPSDLPDP 567

RESULT 4
US-09-645-926A-7
: Sequence 7, Application US/09645926A
: GENERAL INFORMATION:
: APPLICANT: AHUJA, SEEMA
: APPLICANT: BONEWALD, LYNDIA
: TITLE OF INVENTION: CD40 LIGAND AND CD40 AGONIST COMPOSITIONS AND METHODS OF USE
: FILE REFERENCE: 4003 001000
: CURRENT APPLICATION NUMBER: US/09/645, 926A
: CURRENT FILING DATE: 2000-08-24
: PRIOR APPLICATION NUMBER: 60/151,250

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; PRIOR FILING DATE: 19
; NUMBER OF SEQ ID NOS:
; SOFTWARE: PatentIn ver
; SEQ ID NO 7
; LENGTH: 567
; TYPE: prt
; ORGANISM: Homo sapiens
; US-09-645-926A-7

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Query Match	100.0%;	Score 3005;	DB 20;	Length 567;
Best Local Similarity	100.0%;	Pred. No. 2.4e-218;		
Matches 567;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY	1	MESKMDSPCALQTNPPLKTLHTDRSMGTPVFEVDEGGYKEXFKVYEDXKYKCKCHLV	60
Db	1	MESSKMDSPCALQTNPPLKTLHTDRSAGTPVFEVDEGGYKEXFKVYEDXKYKCKCHLV	60
QY	61	CSPKOTECGHRFCESCMAMALLSSSSPKTCAQESIYVDKYFKDMCKCREILALQYRNE	120
Db	61	CSPKOTECGHRFCESCMAMALLSSSSPKTCAQESIYVDKYFKDMCKCREILALQYRNE	120
QY	121	SRGCAEQMLGHLVHLKNDCHFEEELPCVPDPCKEVLRLKDLRDHYERAKCYREATCSHCK	180
Db	121	SRGCAEQMLGHLVHLKNDCHFEEELPCVPDPCKEVLRLKDLRDHYERAKCYREATCSHCK	180
QY	181	SOVPYPAIALQKHEDDPCPVVYVSCCHKCSVOQLRLSELSAHLSSECVNAPSTCSFRRYCVF	240
Db	181	SOVPYPAIALQKHEDDPCPVVYVSCCHKCSVOQLRLSELSAHLSSECVNAPSTCSFRRYCVF	240
QY	241	OGTNOQIKAHFASASVQHVNLTKEMSNSLEKYSLLDNESYERKKSQSJLHNOICSPETI	300
Db	241	OGTNOQIKAHFASASVQHVNLTKEMSNSLEKYSLLDNESYERKKSQSJLHNOICSPETI	300
QY	301	IEROKEMLRNNESEKTLHLQVRIYDQAEKLKELDKELIRPFROMNEADSMKSSVESLQNV	360
Db	301	IEROKEMLRNNESEKTLHLQVRIYDQAEKLKELDKELIRPFROMNEADSMKSSVESLQNV	360
QY	361	TELESVDSASQOVANRNGLLTESQLSRHDQMSVYHDIRLADDDGFOVLEFASVNGVLYMK	420
Db	361	TELESVDSASQOVANRNGLLTESQLSRHDQMSVYHDIRLADDDGFOVLEFASVNGVLYMK	420
QY	421	IRDYRRRRQOEAVMGKTTISLYSQPEYTGFGYKMCARVYLNDGDMGKCTHSLSFPVIMRGE	480
Db	421	IRDYRRRRQOEAVMGKTTISLYSQPEYTGFGYKMCARVYLNDGDMGKCTHSLSFPVIMRGE	480
QY	481	YDALLPMPFKOKVTLMLDGSSRRHJLDAFKPDPNSSSEFKKPTGEMNIIASGCPVYAQT	540
Db	481	YDALLPMPFKOKVTLMLDGSSRRHJLDAFKPDPNSSSEFKKPTGEMNIIASGCPVYAQT	540
QY	541	VLENQTYIKDQTIPIKTVLVDTSDLPDP	567
Db	541	VLENQTYIKDQTIPIKTVLVDTSDLPDP	567

Query Match 100.0%; Score 3005; DB 21; Length 567;  
 Best Local Similarity 100.0%; Pred. No. 2,4e-218;  
 Matches 567; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MESSKKMDSFGALQTNPLKLTDRSAGTPVPEEGGYKKEFKVTVEDKYKCEKCHLV 60  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 1 MESSKKMDSFGALQTNPLKLTDRSAGTPVPEEGGYKKEFKVTVEDKYKCEKCHLV 60  
 Qy 61 CSPKQTEGCHRCESCMAALLSSSPKCTACQESTYKDKVDFDNCCKREILALQIYCRNE 120  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 61 CSPKQTEGCHRCESCMAALLSSSPKCTACQESTYKDKVDFDNCCKREILALQIYCRNE 120  
 Qy 121 SRGCAEQMLIGHLVHLKNDCHFEELPCVAPDCKEKLRLDLDHVEKACKYREATCSHCK 180  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 121 SRGCAEQMLIGHLVHLKNDCHFEELPCVAPDCKEKLRLDLDHVEKACKYREATCSHCK 180  
 Qy 181 SGVPMIALQKHEDTDCPCVAVSCPHKCSVQTLRLSELNHLSECVNAPSTCSFKRYGCVF 240  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 181 SGVPMIALQKHEDTDCPCVAVSCPHKCSVQTLRLSELNHLSECVNAPSTCSFKRYGCVF 240  
 Qy 241 OGTHOIKRHEASAVQHNLLKEMNSLEKRVSLQNSVEKNKSIOSLHNOICFEFE 300  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 241 OGTHOIKRHEASAVQHNLLKEMNSLEKRVSLQNSVEKNKSIOSLHNOICFEFE 300  
 Qy 301 IERQKEMLRNNEKSLIHLQVIDSOAEKLELDEKELRPRQWNEADSKSSVESLQNRV 360  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 301 IERQKEMLRNNEKSLIHLQVIDSOAEKLELDEKELRPRQWNEADSKSSVESLQNRV 360  
 Qy 361 IRDYKRRKQBAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTLSLFEVIMRGE 480  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 361 IRDYKRRKQBAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTLSLFEVIMRGE 480  
 Qy 421 IRDYKRRKQBAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTLSLFEVIMRGE 480  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 421 IRDYKRRKQBAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTLSLFEVIMRGE 480  
 Qy 481 YDALLPMPFKQKVTLLMLMDQSSRRHLGDAFKPDPNSSFFKKPTGEMNIAAGCPVVAQT 540  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 481 YDALLPMPFKQKVTLLMLMDQSSRRHLGDAFKPDPNSSFFKKPTGEMNIAAGCPVVAQT 540  
 Qy 541 VLENGTYIKDDTIFIKVIYDTSDDLDP 567  
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 Db 541 VLENGTYIKDDTIFIKVIYDTSDDLDP 567

RESULT 6  
 US-10-207-655-103

; Sequence 103, Application US/10207655

; GENERAL INFORMATION:

; APPLICANT: Ledbetter, Jeffrey A.

; TITLE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS

; FILE REFERENCE: 390069, 401C1

; CURRENT APPLICATION NUMBER: US/10/207,655

; CURRENT FILING DATE: 2002-07-25

; NUMBER OF SEQ ID NOS: 426

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 103

; LENGTH: 567

; TYPE: prt

; ORGANISM: Homo sapiens

US-10-207-655-103

Query Match

Best Local Similarity 100.0%; Score 3005; DB 26; Length 567;  
 Matches 567; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MESSKKMDSFGALQTNPLKLTDRSAGTPVPEEGGYKKEFKVTVEDKYKCEKCHLV 60  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 1 MESSKKMDSFGALQTNPLKLTDRSAGTPVPEEGGYKKEFKVTVEDKYKCEKCHLV 60  
 Qy 61 CSPKQTEGCHRCESCMAALLSSSPKCTACQESTYKDKVDFDNCCKREILALQIYCRNE 120  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 61 CSPKQTEGCHRCESCMAALLSSSPKCTACQESTYKDKVDFDNCCKREILALQIYCRNE 120

Db 61 CSPKQTEGCHRCESCMAALLSSSPKCTACQESTYKDKVDFDNCCKREILALQIYCRNE 120  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Qy 121 SRGCAEQMLIGHLVHLKNDCHFEELPCVAPDCKEKLRLDLDHVEKACKYREATCSHCK 180  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 121 SRGCAEQMLIGHLVHLKNDCHFEELPCVAPDCKEKLRLDLDHVEKACKYREATCSHCK 180  
 Qy 181 SGVPMIALQKHEDTDCPCVAVSCPHKCSVQTLRLSELNHLSECVNAPSTCSFKRYGCVF 240  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 181 SGVPMIALQKHEDTDCPCVAVSCPHKCSVQTLRLSELNHLSECVNAPSTCSFKRYGCVF 240  
 Qy 241 OGTHOIKRHEASAVQHNLLKEMNSLEKRVSLQNSVEKNKSIOSLHNOICFEFE 300  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 241 OGTHOIKRHEASAVQHNLLKEMNSLEKRVSLQNSVEKNKSIOSLHNOICFEFE 300  
 Qy 301 IERQKEMLRNNEKSLIHLQVIDSOAEKLELDEKELRPRQWNEADSKSSVESLQNRV 360  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 301 IERQKEMLRNNEKSLIHLQVIDSOAEKLELDEKELRPRQWNEADSKSSVESLQNRV 360  
 Qy 361 TELESVDKSAGVARNITGLLESQLSRHDMLSVHDIRLADMOLGFGVLEETASYNGVLIWK 420  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 361 TELESVDKSAGVARNITGLLESQLSRHDMLSVHDIRLADMOLGFGVLEETASYNGVLIWK 420  
 Qy 421 IRDYKRRKQBAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTLSLFEVIMRGE 480  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 421 IRDYKRRKQBAVMGKTLISYQPFYTGFGYKMCARVYLNGDMGKGTLSLFEVIMRGE 480  
 Qy 481 YDALLPMPFKQKVTLLMLMDQSSRRHLGDAFKPDPNSSFFKKPTGEMNIAAGCPVVAQT 540  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 481 YDALLPMPFKQKVTLLMLMDQSSRRHLGDAFKPDPNSSFFKKPTGEMNIAAGCPVVAQT 540  
 Qy 541 VLENGTYIKDDTIFIKVIYDTSDDLDP 567  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 541 VLENGTYIKDDTIFIKVIYDTSDDLDP 567

RESULT 7

US-10-242-212-7

; Sequence 7, Application US/10242212

; GENERAL INFORMATION:

; APPLICANT: AHUJA, SEEMA

; TITLE OF INVENTION: BONEALD, LYNDIA

; TITLE OF INVENTION: CD40 LIGAND AND CD40 AGONIST COMPOSITIONS AND METHODS OF USE

; FILE REFERENCE: 4003, 001000

; CURRENT APPLICATION NUMBER: US/10/242,212

; CURRENT FILING DATE: 2002-09-12

; PRIOR APPLICATION NUMBER: US/09/645,926

; PRIOR FILING DATE: 2000-08-24

; NUMBER OF SEQ ID NOS: 7

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 7

; LENGTH: 567

; TYPE: prt

; ORGANISM: Homo sapiens

US-10-242-212-7

Query Match

Best Local Similarity 100.0%; Score 3005; DB 26; Length 567;  
 Matches 567; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MESSKKMDSFGALQTNPLKLTDRSAGTPVPEEGGYKKEFKVTVEDKYKCEKCHLV 60  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 1 MESSKKMDSFGALQTNPLKLTDRSAGTPVPEEGGYKKEFKVTVEDKYKCEKCHLV 60  
 Qy 61 CSPKQTEGCHRCESCMAALLSSSPKCTACQESTYKDKVDFDNCCKREILALQIYCRNE 120  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 61 CSPKQTEGCHRCESCMAALLSSSPKCTACQESTYKDKVDFDNCCKREILALQIYCRNE 120  
 Qy 121 SRGCAEQMLIGHLVHLKNDCHFEELPCVAPDCKEKLRLDLDHVEKACKYREATCSHCK 180  
 ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||  
 Db 121 SRGCAEQMLIGHLVHLKNDCHFEELPCVAPDCKEKLRLDLDHVEKACKYREATCSHCK 180

QY 181 SOVPMTALOKHEDTDCPCVVVSCPHKCSVOTLLRSELSAHLSECVNAPSTCFKRYGCV 240  
 DB 181 SOVPMTALOKHEDTDCPCVVVSCPHKCSVOTLLRSELSAHLSECVNAPSTCFKRYGCV 240  
 QY 241 OGNOQIKAHKHEASAVOHVNLKEMSNLSLEKYSLLANESVEKNKSIQSLHNOICSEIE 300  
 DB 241 OGNOQIKAHKHEASAVOHVNLKEMSNLSLEKYSLLANESVEKNKSIQSLHNOICSEIE 300  
 QY 301 IEEROKEMLRNNEKILHLORVIDSOAEKLEIKELDEIRPPRONWEADSMKSVESEIQRNRY 360  
 DB 301 IEEROKEMLRNNEKILHLORVIDSOAEKLEIKELDEIRPPRONWEADSMKSVESEIQRNRY 360  
 QY 361 TELESVDKASGOVARNVTGLLESOLSRHDOMLSYHDIRLADMDLGFVYLETASVNGVLIW 420  
 DB 361 TELESVDKASGOVARNVTGLLESOLSRHDOMLSYHDIRLADMDLGFVYLETASVNGVLIW 420  
 QY 421 IRBYKRRKQEAVMGKTLSTLSQPFYGYGKMKCARVYLNGDMGKSTHLSLFFVIMRG 480  
 DB 421 IRBYKRRKQEAVMGKTLSTLSQPFYGYGKMKCARVYLNGDMGKSTHLSLFFVIMRG 480  
 QY 481 YDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKRPTEGEMNIASGCPVFAVQ 540  
 DB 481 YDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKRPTEGEMNIASGCPVFAVQ 540  
 QY 541 VLENGTYIKDDTIFIKVIVDTSDLPDP 567  
 DB 541 VLENGTYIKDDTIFIKVIVDTSDLPDP 567

RESULT 8  
 PCT-US02-17382-131  
 ; Sequence 131, Application PC/TUS0217382  
 ; GENERAL INFORMATION:  
 ; APPLICANT: EXELIXIS, INC.  
 ; TITLE OF INVENTION: MODIFIERS OF THE P53 PATHWAY AND METHODS OF USE  
 ; FILE REFERENCE: EX02-062  
 ; CURRENT APPLICATION NUMBER: PCT/US02/17382  
 ; CURRENT FILING DATE: 2002-06-05  
 ; PRIOR APPLICATION NUMBER: US 60/296,076  
 ; PRIOR FILING DATE: 2001-06-05  
 ; PRIOR APPLICATION NUMBER: US 60/328,605  
 ; PRIOR FILING DATE: 2001-10-10  
 ; PRIOR APPLICATION NUMBER: US 60/357,253  
 ; PRIOR FILING DATE: 2002-02-15  
 ; NUMBER OF SEQ ID NOS: 234  
 ; SOFTWARE: Patentin version 3.1  
 ; SEQ ID NO 131  
 ; LENGTH: 568  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 PCT-US02-17382-131

Query Match 99.4%; Score 2986.5; DB 1; Length 568;  
 Best Local Similarity 99.6%; Pred. No. 6.2e-217;  
 Matches 566; Conservative 0; Mismatches 1; Indels 1; Gaps 1;  
 QY 1 MESSKMDSPGALQTNPLKLTDRSAGTVPVFPBGGYKREKVKYVEDKCKECHLV 60  
 DB 1 MESSKMDSPGALQTNPLKLTDRSAGTVPVFPBGGYKREKVKYVEDKCKECHLV 60  
 QY 61 CSPKOTECGHRFCESCMALLSSSPKCTACOSIYKDKYFKONCKRELLAIOICRNE 120  
 DB 61 CSPKOTECGHRFCESCMALLSSSPKCTACOSIYKDKYFKONCKRELLAIOICRNE 120  
 QY 121 SRGCAQOLMLGH-LVHLKNDCHFEELPCVAPDCKEVLKRDLDHYEAKAKYREATCSHC 179  
 DB 121 SRGCAQOLMLGH-LVHLKNDCHFEELPCVAPDCKEVLKRDLDHYEAKAKYREATCSHC 180  
 QY 180 KSGVPMIALOKHEDTDCPCVVVSCPHKCSVOTLLRSELSAHLSECVNAPSTCFKRYGCV 239  
 DB 181 KSGVPMIALOKHEDTDCPCVVVSCPHKCSVOTLLRSELSAHLSECVNAPSTCFKRYGCV 240  
 QY 240 FQGTNOQIKAHKHEASAVOHVNLKEMSNLSLEKYSLLANESVEKNKSIQSLHNOICSEIE 299

DB 241 FQGTNOQIKAHKHEASAVOHVNLKEMSNLSLEKYSLLANESVEKNKSIQSLHNOICSEIE 300  
 QY 300 EIEROKEMLRNNEKILHLORVIDSOAEKLEIKELDEIRPPRONWEADSMKSVESEIQRNRY 359  
 DB 301 EIEROKEMLRNNEKILHLORVIDSOAEKLEIKELDEIRPPRONWEADSMKSVESEIQRNRY 360  
 QY 360 VTELESVDKASGOVARNVTGLLESOLSRHDOMLSYHDIRLADMDLGFVYLETASVNGVLIW 419  
 DB 361 VTELESVDKASGOVARNVTGLLESOLSRHDOMLSYHDIRLADMDLGFVYLETASVNGVLIW 420  
 QY 420 KIRBYKRRKQEAVMGKTLSTLSQPFYGYGKMKCARVYLNGDMGKSTHLSLFFVIMRG 479  
 DB 421 KIRBYKRRKQEAVMGKTLSTLSQPFYGYGKMKCARVYLNGDMGKSTHLSLFFVIMRG 480  
 QY 480 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKRPTEGEMNIASGCPVFAVQ 539  
 DB 481 EYDALLPMPFKOKVTLMLMDQSSRRHLGDAFKPDPNSSFFKRPTEGEMNIASGCPVFAVQ 540  
 QY 540 TVLENGTYIKDDTIFIKVIVDTSDLPDP 567  
 DB 541 TVLENGTYIKDDTIFIKVIVDTSDLPDP 568

RESULT 9  
 US-08-367-540A-7  
 ; Sequence 7, Application US/08367540A  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kleff, Elliott  
 ; APPLICANT: Mosialos, George  
 ; APPLICANT: Birkenbach, Mark  
 ; APPLICANT: Vanarsdale, Todd  
 ; APPLICANT: Ware, Carol  
 ; APPLICANT: Kaye, Kenneth M.  
 ; TITLE OF INVENTION: CONTROLLING TRAF-MEDIATED SIGNALS  
 ; NUMBER OF SEQUENCES: 8  
 ; CORRESPONDENCE ADDRESS:  
 ADDRESSER: Fish & Richardson P.C.  
 STREET: 225 Franklin Street  
 CITY: Boston  
 STATE: MA  
 COUNTRY: USA  
 ZIP: 02110-2804  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: Windows 95  
 SOFTWARE: FASTSEQ for Windows Version 2.0b  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/367,540A  
 FILING DATE: 30-DEC-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Freeman, John W.  
 REGISTRATION NUMBER: 29,066  
 REFERENCE/DOCKET NUMBER: 05311/014001  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617/542-5070  
 TELEFAX: 617/542-8906  
 TELEX: 200154  
 ; INFORMATION FOR SEQ ID NO: 7:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 568 amino acids  
 ; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein  
 ; FRAGMENT TYPE: internal  
 US-08-367-540A-7

Query Match 99.4%; Score 2986.5; DB 7; Length 568;  
 Best Local Similarity 99.6%; Pred. No. 6.2e-217;  
 Matches 566; Conservative 0; Mismatches 1; Indels 1; Gaps 1;  
 QY 1 MESSKMDSPGALQTNPLKLTDRSAGTVPVFPBGGYKREKVKYVEDKCKECHLV 60

Susan Wang  
 native appeal



|||||  
Db 1 MESSKMDSPGALQTNPLKLTHTDRSAGTPVFPVPOGGYKKEFYTVBDRKCKECHLVL 60  
QY CSPKQTEGHRFCESCMALLSSSPKCTACQESTIVKDKVFRDNCKREILALQIYCNE 120  
Db 61 |||||  
QY 61 CSPKQTEGHRFCESCMALLSSSPKCTACQESTIVKDKVFRDNCKREILALQIYCNE 120  
QY 121 SRGCAEOLMLGH-LVHLKNDCHFELPCVRPDKCKEVLKRLDRHVERACKYREATCSHC 179  
Db 121 SRGCAEOLMLGHLLVHLKNDCHFELPCVRPDKCKEVLKRLDRHVERACKYREATCSHC 180  
QY 180 KSOYPMIALQKHEDTDCCVVYSCPHKCSVOTLRLSELSEAHLSVCVNAPTSCSFRKRCY 239  
Db 181 KSOYPMIALQKHEDTDCCVVYSCPHKCSVOTLRLSELSEAHLSVCVNAPTSCSFRKRCY 240  
QY 240 FOGTNOQIKAHBASAVOHVNLKEMNSLEKKVSLQNESYEKKNSIQSLHNOICSEFI 299  
Db 241 FOGTNOQIKAHBASAVOHVNLKEMNSLEKKVSLQNESYEKKNSIQSLHNOICSEFI 300  
QY 300 EIERQKEMLRNNEKILHLQRYIDSQAELKELDEIRPFQNMWEADSMKSSVESLQNR 359  
Db 301 EIERQKEMLRNNEKILHLQRYIDSQAELKELDEIRPFQNMWEADSMKSSVESLQNR 360  
QY 360 VTELESVKSAGQVARNRNGLESQSLSRHDOMLSVHDILADMDLGFQYLETASVNGVLIW 419  
Db 361 VTELESVKSAGQVARNRNGLESQSLSRHDOMLSVHDILADMDLGFQYLETASVNGVLIW 420  
QY 420 KIRDYKRRKQEAVMGKTLSTYSQPFYTGFGYKMCARVYLNGDGKGKTHLSLFEVIMRG 479  
Db 421 KIRDYKRRKQEAVMGKTLSTYSQPFYTGFGYKMCARVYLNGDGKGKTHLSLFEVIMRG 480  
QY 480 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSEKKTGEMNIASGCPVFVAQ 539  
Db 481 EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSEKKTGEMNIASGCPVFVAQ 540  
QY 540 TVLENGTYIKDDTIFIKYIVTSDLPDP 567  
Db 541 TVLENGTYIKDDTIFIKYIVTSDLPDP 568

RESULT 10  
US-08-367-540B-7  
: Sequence 7, Application US/08367540B  
: GENERAL INFORMATION:  
: APPLICANT: Kieft, Elliott  
: APPLICANT: Mosialos, George  
: APPLICANT: Birnenbach, Mark  
: APPLICANT: Vanarsdale, Todd  
: APPLICANT: Ware, Carol  
: APPLICANT: Kaye, Kenneth M.  
: TITLE OF INVENTION: CONTROLLING TRAF-MEDIATED SIGNALS  
: NUMBER OF SEQUENCES: 21  
: CORRESPONDENCE ADDRESS:  
: ADDRESSEE: Fish & Richardson P.C.  
: STREET: 225 Franklin Street  
: CITY: Boston  
: STATE: MA  
: COUNTRY: USA  
: ZIP: 02110-2804  
: COMPUTER READABLE FORM:  
: MEDIUM TYPE: Diskette  
: OPERATING SYSTEM: Windows 95  
: SOFTWARE: FastSeq for Windows Version 2.0b  
: CURRENT APPLICATION DATA:  
: APPLICATION NUMBER: US/08/367,540B  
: FILING DATE: 30-DEC-1994  
: ATTORNEY/AGENT INFORMATION:  
: NAME: Freeman, John W.  
: REGISTRATION NUMBER: 29,066  
: REFERENCE/DOCKET NUMBER: 05311/014001  
: TELECOMMUNICATION INFORMATION:  
: TELEPHONE: 617/542-5070

TELEFAX: 617/542-8906  
: TELE: 200154  
: INFORMATION FOR SEQ ID NO: 7:  
: SEQUENCE CHARACTERISTICS:  
: LENGTH: 568 amino acids  
: TYPE: amino acid  
: TOPOLOGY: linear  
: MOLECULE TYPE: protein  
: FRAGMENT TYPE: internal  
US-08-367-540B-7

Query Match 99.4%; Score 2986.5; DB 7; Length 568;  
Best Local Similarity 99.6%; Pred. No. 6.2e-217;  
Matches 566; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

1 MESSKMDSPGALQTNPLKLTHTDRSAGTPVFPVPOGGYKKEFYTVBDRKCKECHLVL 60  
1 MESSKMDSPGALQTNPLKLTHTDRSAGTPVFPVPOGGYKKEFYTVBDRKCKECHLVL 60  
1 MESSKMDSPGALQTNPLKLTHTDRSAGTPVFPVPOGGYKKEFYTVBDRKCKECHLVL 60  
CSPKQTEGHRFCESCMALLSSSPKCTACQESTIVKDKVFRDNCKREILALQIYCNE 120  
CSPKQTEGHRFCESCMALLSSSPKCTACQESTIVKDKVFRDNCKREILALQIYCNE 120  
SRGCAEOLMLGH-LVHLKNDCHFELPCVRPDKCKEVLKRLDRHVERACKYREATCSHC 179  
SRGCAEOLMLGHLLVHLKNDCHFELPCVRPDKCKEVLKRLDRHVERACKYREATCSHC 180  
KSOYPMIALQKHEDTDCCVVYSCPHKCSVOTLRLSELSEAHLSVCVNAPTSCSFRKRCY 239  
KSOYPMIALQKHEDTDCCVVYSCPHKCSVOTLRLSELSEAHLSVCVNAPTSCSFRKRCY 240  
FOGTNOQIKAHBASAVOHVNLKEMNSLEKKVSLQNESYEKKNSIQSLHNOICSEFI 299  
FOGTNOQIKAHBASAVOHVNLKEMNSLEKKVSLQNESYEKKNSIQSLHNOICSEFI 300  
EIERQKEMLRNNEKILHLQRYIDSQAELKELDEIRPFQNMWEADSMKSSVESLQNR 359  
EIERQKEMLRNNEKILHLQRYIDSQAELKELDEIRPFQNMWEADSMKSSVESLQNR 360  
VTELESVKSAGQVARNRNGLESQSLSRHDOMLSVHDILADMDLGFQYLETASVNGVLIW 419  
VTELESVKSAGQVARNRNGLESQSLSRHDOMLSVHDILADMDLGFQYLETASVNGVLIW 420  
KIRDYKRRKQEAVMGKTLSTYSQPFYTGFGYKMCARVYLNGDGKGKTHLSLFEVIMRG 479  
KIRDYKRRKQEAVMGKTLSTYSQPFYTGFGYKMCARVYLNGDGKGKTHLSLFEVIMRG 480  
EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSEKKTGEMNIASGCPVFVAQ 539  
EYDALLPMPFKOKVTLMMDGSSRRHLGDAFKPDPNSSSEKKTGEMNIASGCPVFVAQ 540  
TVLENGTYIKDDTIFIKYIVTSDLPDP 567  
TVLENGTYIKDDTIFIKYIVTSDLPDP 568

RESULT 11  
US-08-367-540C-7  
: Sequence 7, Application US/08367540C  
: GENERAL INFORMATION:  
: APPLICANT: Kieft, Elliott  
: APPLICANT: Mosialos, George  
: APPLICANT: Birnenbach, Mark  
: APPLICANT: Vanarsdale, Todd  
: APPLICANT: Ware, Carol  
: APPLICANT: Kaye, Kenneth M.  
: TITLE OF INVENTION: CONTROLLING TRAF-MEDIATED SIGNALS  
: NUMBER OF SEQUENCES: 21  
: CORRESPONDENCE ADDRESS:  
: ADDRESSEE: Fish & Richardson P.C.  
: STREET: 225 Franklin Street  
: CITY: Boston  
: STATE: MA



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; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSEO for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/367,540C
; FILING DATE: 30-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 05311/014001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 568 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FRAGMENT TYPE: internal
; US-08-367-540C-7

```

```

Query Match          99.4%; Score 2986.5; DB 7; Length 568;
Best Local Similarity 99.6%; Pred. No. 6.2e-217;
Matches 566; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

```

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QY 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPVPEOGGYEKFKYTEDKCKECHLV 60
DB 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPVPEOGGYEKFKYTEDKCKECHLV 60
QY 61 CSPKQTECGHRCFESCAALLSSSPKCTAQESIVDKYFKDCKCKREILALQIYRNE 120
DB 61 CSPKQTECGHRCFESCAALLSSSPKCTAQESIVDKYFKDCKCKREILALQIYRNE 120
QY 121 SRGCAEQMLIGH-LVHLKNDCHFEELPCVRPDCCKEYLRKDLRDHVEKACKYREATCSHC 179
DB 121 SRGCAEQMLIGH-LVHLKNDCHFEELPCVRPDCCKEYLRKDLRDHVEKACKYREATCSHC 180
QY 180 KSOVPMIALQKHEDTDCPCVAVSCPHKCSVOTLLRSELSAHLSVCVAPSTCSFKRRGCV 239
DB 181 KSOVPMIALQKHEDTDCPCVAVSCPHKCSVOTLLRSELSAHLSVCVAPSTCSFKRRGCV 240
QY 240 FQGTNOQIKAHSAASAVQHNLLKEMNSLEKKVSLQNESVEKNKSIQSLHNOICFSEI 299
DB 241 FQGTNOQIKAHSAASAVQHNLLKEMNSLEKKVSLQNESVEKNKSIQSLHNOICFSEI 300
QY 300 EIEROKEMLRNNEKSIHLQRVIDSQAELKELDKETIRPRQNMEEADSMKSSVESLQNR 359
DB 301 EIEROKEMLRNNEKSIHLQRVIDSQAELKELDKETIRPRQNMEEADSMKSSVESLQNR 360
QY 360 VTELESYDKSAGVARNLTGLLESOLSRHDOMLSYHDIRLADMDGRFOVLETAASNGVLIW 419
DB 361 VTELESYDKSAGVARNLTGLLESOLSRHDOMLSYHDIRLADMDGRFOVLETAASNGVLIW 420
QY 420 KIRDYKRRKOEAVMGKTLSTYSOPFYTGFGYKMCARVYLNGDMGKTHLSLFVIMRG 479
DB 421 KIRDYKRRKOEAVMGKTLSTYSOPFYTGFGYKMCARVYLNGDMGKTHLSLFVIMRG 480
QY 480 EYDALLPWPKOKVYTLMLMDGSSRRHLGDAFKDPNNSSSFKKPTGEMNINASGCPVFAQ 539
DB 481 EYDALLPWPKOKVYTLMLMDGSSRRHLGDAFKDPNNSSSFKKPTGEMNINASGCPVFAQ 540
QY 540 TVLENGTYIKDDTIFIKYIVYDTSIDLPDP 567
DB 541 TVLENGTYIKDDTIFIKYIVYDTSIDLPDP 568

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RESULT 12

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US-09-791-537-84441
; Sequence 84441, Application US/09791537
; GENERAL INFORMATION:
; APPLICANT: Bionomix, Inc.
; APPLICANT: Debe, Derek
; APPLICANT: Danzer, Joseph
; TITLE OF INVENTION: THREE DIMENSIONAL STRUCTURES OF PROTEIN FAMILIES AND FAMILY M-
; TITLE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 261/210
; CURRENT APPLICATION NUMBER: US/09/791,537
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 153055
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO: 84441
; LENGTH: 568
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-791-537-84441

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Query Match          99.4%; Score 2986.5; DB 21; Length 568;
Best Local Similarity 99.6%; Pred. No. 6.2e-217;
Matches 566; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

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QY 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPVPEOGGYEKFKYTEDKCKECHLV 60
DB 1 MESSKMDSPGALQTNPLKLTDRSAGTPVFPVPEOGGYEKFKYTEDKCKECHLV 60
QY 61 CSPKQTECGHRCFESCAALLSSSPKCTAQESIVDKYFKDCKCKREILALQIYRNE 120
DB 61 CSPKQTECGHRCFESCAALLSSSPKCTAQESIVDKYFKDCKCKREILALQIYRNE 120
QY 121 SRGCAEQMLIGH-LVHLKNDCHFEELPCVRPDCCKEYLRKDLRDHVEKACKYREATCSHC 179
DB 121 SRGCAEQMLIGH-LVHLKNDCHFEELPCVRPDCCKEYLRKDLRDHVEKACKYREATCSHC 180
QY 180 KSOVPMIALQKHEDTDCPCVAVSCPHKCSVOTLLRSELSAHLSVCVAPSTCSFKRRGCV 239
DB 181 KSOVPMIALQKHEDTDCPCVAVSCPHKCSVOTLLRSELSAHLSVCVAPSTCSFKRRGCV 240
QY 240 FQGTNOQIKAHSAASAVQHNLLKEMNSLEKKVSLQNESVEKNKSIQSLHNOICFSEI 299
DB 241 FQGTNOQIKAHSAASAVQHNLLKEMNSLEKKVSLQNESVEKNKSIQSLHNOICFSEI 300
QY 300 EIEROKEMLRNNEKSIHLQRVIDSQAELKELDKETIRPRQNMEEADSMKSSVESLQNR 359
DB 301 EIEROKEMLRNNEKSIHLQRVIDSQAELKELDKETIRPRQNMEEADSMKSSVESLQNR 360
QY 360 VTELESYDKSAGVARNLTGLLESOLSRHDOMLSYHDIRLADMDGRFOVLETAASNGVLIW 419
DB 361 VTELESYDKSAGVARNLTGLLESOLSRHDOMLSYHDIRLADMDGRFOVLETAASNGVLIW 420
QY 420 KIRDYKRRKOEAVMGKTLSTYSOPFYTGFGYKMCARVYLNGDMGKTHLSLFVIMRG 479
DB 421 KIRDYKRRKOEAVMGKTLSTYSOPFYTGFGYKMCARVYLNGDMGKTHLSLFVIMRG 480
QY 480 EYDALLPWPKOKVYTLMLMDGSSRRHLGDAFKDPNNSSSFKKPTGEMNINASGCPVFAQ 539
DB 481 EYDALLPWPKOKVYTLMLMDGSSRRHLGDAFKDPNNSSSFKKPTGEMNINASGCPVFAQ 540
QY 540 TVLENGTYIKDDTIFIKYIVYDTSIDLPDP 567
DB 541 TVLENGTYIKDDTIFIKYIVYDTSIDLPDP 568

```

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RESULT 13
US-10-042-865-166
; Sequence 166, Application US/10042865
; GENERAL INFORMATION:
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Li, Li
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Casman, Stacey J
; APPLICANT: Shenoy, Suresh G

```

```

: APPLICANT: Spytek, Kimberly
: APPLICANT: Zhong, Wei
: APPLICANT: Gangolli, Esha A
: APPLICANT: Burgess, Catherine E
: APPLICANT: Paturajan, Meera
: APPLICANT: Vernet, Corine A.M
: APPLICANT: Taylor, Sarah
: APPLICANT: Tchernev, Velizar T
: APPLICANT: Miller, Charles E
: APPLICANT: Guo, Xiaojia
: APPLICANT: Boldog, Ference L
: APPLICANT: Grosse, William M
: APPLICANT: Alsobrook II, John P
: APPLICANT: Gerlach, Valerie L
: APPLICANT: Edinger, Shlomit R
: APPLICANT: Rothenberg, Mark E
: APPLICANT: Ellerman, Karen
: APPLICANT: MacDougall, John
: APPLICANT: Malynkar, Uriel M
: APPLICANT: Millet, Isabelle
: APPLICANT: Peyman, John
: APPLICANT: Smithson, Glenda
: APPLICANT: Gunther, Erik
: APPLICANT: Stone, David
: TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
: FILE REFERENCE: 21402-537
: CURRENT APPLICATION NUMBER: US/10/042,865
: PRIOR FILING DATE: 2002-05-17
: PRIOR APPLICATION NUMBER: 60/260,417
: PRIOR FILING DATE: 2001-01-09
: PRIOR APPLICATION NUMBER: 60/260,831
: PRIOR FILING DATE: 2001-01-10
: PRIOR APPLICATION NUMBER: 60/272,338
: PRIOR FILING DATE: 2001-02-28
: PRIOR APPLICATION NUMBER: 60/274,876
: PRIOR FILING DATE: 2001-03-09
: PRIOR APPLICATION NUMBER: 60/284,704
: NUMBER OF SEQ ID NOS: 264
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO: 166
: LENGTH: 568
: TYPE: PRT
: ORGANISM: Homo sapiens
: US-10-042-865-166

Query Match          99.4%; Score 2986.5; DB 24; Length 568;
Best Local Similarity 99.6%; Pred. No. 6,2e-217;
Matches 566; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

QY 1 MESSKMDSPGALQTPPLKLTHTDRSAGTPVFPVEGGYKREKVKTVEDKCKECHLV 60
DB 1 MESSKMDSPGALQTPPLKLTHTDRSAGTPVFPVEGGYKREKVKTVEDKCKECHLV 60
QY 61 CSFKQTECGHRCESCMALLSSSPKCTACQESIYKDVYFKDNCCKRETLAQICRNE 120
DB 61 CSFKQTECGHRCESCMALLSSSPKCTACQESIYKDVYFKDNCCKRETLAQICRNE 120
QY 121 SRGCAQMLIGH-LVHLKNDCHFEELPCVPRDCKEYVLKRLDHWKACKYREATCSHC 179
DB 121 SRGCAQMLIGH-LVHLKNDCHFEELPCVPRDCKEYVLKRLDHWKACKYREATCSHC 180
QY 180 KSOVPMTALOKHEDTDCPCVVVSCPHKCSVOTLRLSELNAHISECVNABSTGCFKRYGCV 239
DB 181 KSOVPMTALOKHEDTDCPCVVVSCPHKCSVOTLRLSELNAHISECVNABSTGCFKRYGCV 240
QY 240 FQGTNOQIAHAEASSAVGHVNLKEMSNSLEKKSILQNESYEKNSIOSIHNQICSPFI 299
DB 241 FQGTNOQIAHAEASSAVGHVNLKEMSNSLEKKSILQNESYEKNSIOSIHNQICSPFI 300
QY 300 EIEROKEMLRNNESTLILQRYIDSQAELKELDKETIRPPRONWEADSNKSSVESLQNR 359
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DB 301 EIEROKEMLRNNESTLILQRYIDSQAELKELDKETIRPPRONWEADSNKSSVESLQNR 360
QY 360 VTELESVDKSAGVARTGLLESOLSRHDMQLSVHDIRLADMGLFOVLETASYNCVLTW 419
DB 361 VTELESVDKSAGVARTGLLESOLSRHDMQLSVHDIRLADMGLFOVLETASYNCVLTW 420
QY 420 KIRDYRRKQEAVMGKTLISYSPFTYTGFGYKCAVYLINGDMKCKGHLISLFVIMRG 479
DB 421 KIRDYRRKQEAVMGKTLISYSPFTYTGFGYKCAVYLINGDMKCKGHLISLFVIMRG 480
QY 480 EYDALLPMPFKQKVTLMIDQSSRRHLGDAFKPDNNSSEFKKPTGEMNIASGCPVFAVQ 539
DB 481 EYDALLPMPFKQKVTLMIDQSSRRHLGDAFKPDNNSSEFKKPTGEMNIASGCPVFAVQ 540
QY 540 TVLENGTYIKDDYIFIKVIVDTSDDLDP 567
DB 541 TVLENGTYIKDDYIFIKVIVDTSDDLDP 568

RESULT 14
US-08-813-323A-2
: Sequence 2, Application US/08813323A
: GENERAL INFORMATION:
: APPLICANT: Baltimore, David
: APPLICANT: Cheng, Genhong
: APPLICANT: Cleary, Aileen
: APPLICANT: Lederman, Seth
: APPLICANT: Ye, Zheng-sheng
: TITLE OF INVENTION: TRUNCATED CRAF1 INHIBITS CD40 SIGNALING
: NUMBER OF SEQUENCES: 5
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Cooper & Dunham, LLP
: STREET: 1185 Avenue of the Americas
: CITY: New York
: STATE: New York
: COUNTRY: USA
: ZIP: 10036
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/813,323A
: FILING DATE:
: CLASSIFICATION: 530
: ATTORNEY/AGENT INFORMATION:
: NAME: White, John P
: REGISTRATION NUMBER: 28,678
: REFERENCE/DOCKET NUMBER: 50659
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (212) 278-0400
: TELEFAX: (212) 391-0525
: INFORMATION FOR SEQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 568 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: FEATURE:
: NAME/KEY: Peptide
: LOCATION: 1..568
: US-08-813-323A-2

Query Match          99.2%; Score 2980.5; DB 12; Length 568;
Best Local Similarity 99.5%; Pred. No. 1.8e-216;
Matches 565; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

QY 1 MESSKMDSPGALQTPPLKLTHTDRSAGTPVFPVEGGYKREKVKTVEDKCKECHLV 60
DB 1 MESSKMDSPGALQTPPLKLTHTDRSAGTPVFPVEGGYKREKVKTVEDKCKECHLV 60
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